

SAFETY DATA SHEET



SureVector Mammalian N-terminal Expansion Kit, 15 rxn, Part Number G7516A

Section 1. Identification

Product identifier	: SureVector Mammalian N-terminal Expansion Kit, 15 rxn, Part Number G7516A	
Part No. (Chemical Kit)	: G7516A	
Part No.	: SureVector CMV Mamm Promoter	5190-9314
	SureVector EF1 α Mamm Promoter	5190-9315
	SureVector SV40 Mamm Promoter	5190-9316
	SureVector FLAG \otimes Mamm Expression Tag (N-term)	5190-9317
	SureVector GFP Mamm Expression Tag (N-term)	5190-9318
	SureVector HA Mamm Expression Tag (N-term)	5190-9319
	SureVector c-Myc Mamm Expression Tag (N-term)	5190-9320
	SureVector HIS6 Mamm Expression Tag (N-term)	5190-9360
	SureVector SBP Mamm Expression Tag (N-term)	5190-9361
	SureVector Blasticidin Mamm Selectable Marker	5190-9321
	SureVector Hygromycin Mamm Selectable Marker	5190-9322
	SureVector Puromycin Mamm Selectable Marker	5190-9323
	SureVector LacZ Mamm Control (N-term)	5190-9350

Relevant identified uses of the substance or mixture and uses advised against

Analytical reagent.

SureVector CMV Mamm Promoter	0.03 ml (15 reactions)
SureVector EF1 α Mamm Promoter	0.03 ml (15 reactions)
SureVector SV40 Mamm Promoter	0.03 ml (15 reactions)
SureVector FLAG \otimes Mamm Expression Tag (N-term)	0.03 ml (15 reactions)
SureVector GFP Mamm Expression Tag (N-term)	0.03 ml (15 reactions)
SureVector HA Mamm Expression Tag (N-term)	0.03 ml (15 reactions)
SureVector c-Myc Mamm Expression Tag (N-term)	0.03 ml (15 reactions)
SureVector HIS6 Mamm Expression Tag (N-term)	0.03 ml (15 reactions)
SureVector SBP Mamm Expression Tag (N-term)	0.03 ml (15 reactions)
SureVector Blasticidin Mamm Selectable Marker	0.03 ml (15 reactions)
SureVector Hygromycin Mamm Selectable Marker	0.03 ml (15 reactions)
SureVector Puromycin Mamm Selectable Marker	0.03 ml (15 reactions)
SureVector LacZ Mamm Control (N-term)	0.03 ml (15 reactions)

Supplier/Manufacturer : Agilent Technologies Australia Pty Ltd
679 Springvale Road
Mulgrave
Victoria 3170, Australia
1800 802 402

Emergency telephone number (with hours of operation) : CHEMTREC \otimes : (61)-290372994

Section 2. Hazard(s) identification

Classification of the substance or mixture

Not classified.

GHS label elements

Signal word

☑ SureVector CMV Mamm Promoter	No signal word.
SureVector EF1 α Mamm Promoter	No signal word.
SureVector SV40 Mamm Promoter	No signal word.
SureVector FLAG [®] Mamm Expression Tag (N-term)	No signal word.
SureVector GFP Mamm Expression Tag (N-term)	No signal word.
SureVector HA Mamm Expression Tag (N-term)	No signal word.
SureVector c-Myc Mamm Expression Tag (N-term)	No signal word.
SureVector HIS6 Mamm Expression Tag (N-term)	No signal word.
SureVector SBP Mamm Expression Tag (N-term)	No signal word.
SureVector Blasticidin Mamm Selectable Marker	No signal word.
SureVector Hygromycin Mamm Selectable Marker	No signal word.
SureVector Puromycin Mamm Selectable Marker	No signal word.
SureVector LacZ Mamm Control (N-term)	No signal word.

Hazard statements

☑ SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector SBP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
SureVector LacZ Mamm Control (N-term)	No known significant effects or critical hazards.

Precautionary statements

Section 2. Hazard(s) identification

Prevention	:	<input checked="" type="checkbox"/> SureVector CMV Mamm Promoter	Not applicable.	
		SureVector EF1 α Mamm Promoter	Not applicable.	
		SureVector SV40 Mamm Promoter	Not applicable.	
		SureVector FLAG \otimes Mamm Expression Tag (N-term)	Not applicable.	
		SureVector GFP Mamm Expression Tag (N-term)	Not applicable.	
		SureVector HA Mamm Expression Tag (N-term)	Not applicable.	
		SureVector c-Myc Mamm Expression Tag (N-term)	Not applicable.	
		SureVector HIS6 Mamm Expression Tag (N-term)	Not applicable.	
		SureVector SBP Mamm Expression Tag (N-term)	Not applicable.	
		SureVector Blasticidin Mamm Selectable Marker	Not applicable.	
		SureVector Hygromycin Mamm Selectable Marker	Not applicable.	
		SureVector Puromycin Mamm Selectable Marker	Not applicable.	
		SureVector LacZ Mamm Control (N-term)	Not applicable.	
	Response	:	<input checked="" type="checkbox"/> SureVector CMV Mamm Promoter	Not applicable.
			SureVector EF1 α Mamm Promoter	Not applicable.
			SureVector SV40 Mamm Promoter	Not applicable.
			SureVector FLAG \otimes Mamm Expression Tag (N-term)	Not applicable.
		SureVector GFP Mamm Expression Tag (N-term)	Not applicable.	
		SureVector HA Mamm Expression Tag (N-term)	Not applicable.	
		SureVector c-Myc Mamm Expression Tag (N-term)	Not applicable.	
		SureVector HIS6 Mamm Expression Tag (N-term)	Not applicable.	
		SureVector SBP Mamm Expression Tag (N-term)	Not applicable.	
		SureVector Blasticidin Mamm Selectable Marker	Not applicable.	
		SureVector Hygromycin Mamm Selectable Marker	Not applicable.	
		SureVector Puromycin Mamm Selectable Marker	Not applicable.	
		SureVector LacZ Mamm Control (N-term)	Not applicable.	
Storage		:	<input checked="" type="checkbox"/> SureVector CMV Mamm Promoter	Not applicable.
			SureVector EF1 α Mamm Promoter	Not applicable.
			SureVector SV40 Mamm Promoter	Not applicable.
			SureVector FLAG \otimes Mamm Expression Tag (N-term)	Not applicable.
		SureVector GFP Mamm Expression Tag (N-term)	Not applicable.	
		SureVector HA Mamm	Not applicable.	

Section 2. Hazard(s) identification

	Expression Tag (N-term)		
	SureVector c-Myc Mamm	Not applicable.	
	Expression Tag (N-term)		
	SureVector HIS6 Mamm	Not applicable.	
	Expression Tag (N-term)		
	SureVector SBP Mamm	Not applicable.	
	Expression Tag (N-term)		
	SureVector Blasticidin	Not applicable.	
	Mamm Selectable Marker		
	SureVector Hygromycin	Not applicable.	
	Mamm Selectable Marker		
	SureVector Puromycin	Not applicable.	
	Mamm Selectable Marker		
	SureVector LacZ Mamm	Not applicable.	
	Control (N-term)		
Disposal	<input checked="" type="checkbox"/> SureVector CMV Mamm	Not applicable.	
	Promoter		
	SureVector EF1 α Mamm	Not applicable.	
	Promoter		
	SureVector SV40 Mamm	Not applicable.	
	Promoter		
	SureVector FLAG [®] Mamm	Not applicable.	
	Expression Tag (N-term)		
	SureVector GFP Mamm	Not applicable.	
	Expression Tag (N-term)		
	SureVector HA Mamm	Not applicable.	
	Expression Tag (N-term)		
	SureVector c-Myc Mamm	Not applicable.	
	Expression Tag (N-term)		
	SureVector HIS6 Mamm	Not applicable.	
	Expression Tag (N-term)		
	SureVector SBP Mamm	Not applicable.	
	Expression Tag (N-term)		
	SureVector Blasticidin	Not applicable.	
	Mamm Selectable Marker		
	SureVector Hygromycin	Not applicable.	
	Mamm Selectable Marker		
	SureVector Puromycin	Not applicable.	
	Mamm Selectable Marker		
	SureVector LacZ Mamm	Not applicable.	
	Control (N-term)		
Supplemental label elements	<input checked="" type="checkbox"/> SureVector CMV Mamm	Not applicable.	
	Promoter		
	SureVector EF1 α Mamm	Not applicable.	
	Promoter		
	SureVector SV40 Mamm	Not applicable.	
	Promoter		
	SureVector FLAG [®] Mamm	Not applicable.	
	Expression Tag (N-term)		
	SureVector GFP Mamm	Not applicable.	
	Expression Tag (N-term)		
	SureVector HA Mamm	Not applicable.	
	Expression Tag (N-term)		
	SureVector c-Myc Mamm	Not applicable.	
	Expression Tag (N-term)		
	SureVector HIS6 Mamm	Not applicable.	
	Expression Tag (N-term)		
	SureVector SBP Mamm	Not applicable.	
	Expression Tag (N-term)		
	SureVector Blasticidin	Not applicable.	
	Mamm Selectable Marker		
	SureVector Hygromycin	Not applicable.	
	Mamm Selectable Marker		

Section 2. Hazard(s) identification

SureVector Puromycin Mamm Selectable Marker	Not applicable.
SureVector LacZ Mamm Control (N-term)	Not applicable.

Other hazards which do not result in classification

<input checked="" type="checkbox"/> SureVector CMV Mamm Promoter	None known.
SureVector EF1 α Mamm Promoter	None known.
SureVector SV40 Mamm Promoter	None known.
SureVector FLAG [®] Mamm Expression Tag (N-term)	None known.
SureVector GFP Mamm Expression Tag (N-term)	None known.
SureVector HA Mamm Expression Tag (N-term)	None known.
SureVector c-Myc Mamm Expression Tag (N-term)	None known.
SureVector HIS6 Mamm Expression Tag (N-term)	None known.
SureVector SBP Mamm Expression Tag (N-term)	None known.
SureVector Blasticidin Mamm Selectable Marker	None known.
SureVector Hygromycin Mamm Selectable Marker	None known.
SureVector Puromycin Mamm Selectable Marker	None known.
SureVector LacZ Mamm Control (N-term)	None known.

Section 3. Composition and ingredient information

Substance/mixture

<input checked="" type="checkbox"/> SureVector CMV Mamm Promoter	Mixture
SureVector EF1 α Mamm Promoter	Mixture
SureVector SV40 Mamm Promoter	Mixture
SureVector FLAG [®] Mamm Expression Tag (N-term)	Mixture
SureVector GFP Mamm Expression Tag (N-term)	Mixture
SureVector HA Mamm Expression Tag (N-term)	Mixture
SureVector c-Myc Mamm Expression Tag (N-term)	Mixture
SureVector HIS6 Mamm Expression Tag (N-term)	Mixture
SureVector SBP Mamm Expression Tag (N-term)	Mixture
SureVector Blasticidin Mamm Selectable Marker	Mixture
SureVector Hygromycin Mamm Selectable Marker	Mixture
SureVector Puromycin Mamm Selectable Marker	Mixture
SureVector LacZ Mamm Control (N-term)	Mixture

CAS number/other identifiers

Section 3. Composition and ingredient information

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.


Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact	: SureVector CMV Mamm Promoter	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureVector EF1α Mamm Promoter	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureVector SV40 Mamm Promoter	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureVector FLAG® Mamm Expression Tag (N-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureVector GFP Mamm Expression Tag (N-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureVector HA Mamm Expression Tag (N-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureVector c-Myc Mamm Expression Tag (N-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureVector HIS6 Mamm Expression Tag (N-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureVector SBP Mamm Expression Tag (N-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureVector Blasticidin Mamm Selectable Marker	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureVector Hygromycin Mamm Selectable Marker	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureVector Puromycin Mamm Selectable Marker	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureVector LacZ Mamm Control (N-term)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Section 4. First aid measures

Inhalation	:  SureVector CMV Mamm Promoter	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureVector EF1 α Mamm Promoter	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureVector SV40 Mamm Promoter	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureVector GFP Mamm Expression Tag (N-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureVector HA Mamm Expression Tag (N-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureVector c-Myc Mamm Expression Tag (N-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureVector HIS6 Mamm Expression Tag (N-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureVector SBP Mamm Expression Tag (N-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureVector Blasticidin Mamm Selectable Marker	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureVector Hygromycin Mamm Selectable Marker	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureVector Puromycin Mamm Selectable Marker	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureVector LacZ Mamm Control (N-term)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	:  SureVector CMV Mamm Promoter	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector EF1 α Mamm Promoter	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector SV40 Mamm Promoter	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector GFP Mamm Expression Tag (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector HA Mamm Expression Tag (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector c-Myc Mamm Expression Tag (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector HIS6 Mamm Expression Tag (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Section 4. First aid measures

	SureVector SBP Mamm Expression Tag (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector Blastocidin Mamm Selectable Marker	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector Hygromycin Mamm Selectable Marker	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector Puromycin Mamm Selectable Marker	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureVector LacZ Mamm Control (N-term)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	: SureVector CMV Mamm Promoter	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	SureVector EF1 α Mamm Promoter	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	SureVector SV40 Mamm Promoter	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	SureVector GFP Mamm Expression Tag (N-term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	SureVector HA Mamm Expression Tag (N-term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	SureVector c-Myc Mamm Expression Tag (N-term)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical

Section 4. First aid measures

SureVector HIS6 Mamm
Expression Tag (N-term)

attention if symptoms occur.
Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

SureVector SBP Mamm
Expression Tag (N-term)

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

SureVector Blasticidin
Mamm Selectable Marker

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

SureVector Hygromycin
Mamm Selectable Marker

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

SureVector Puromycin
Mamm Selectable Marker

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

SureVector LacZ Mamm
Control (N-term)

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact

: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.

Section 4. First aid measures

	SureVector SBP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Mamm Control (N-term)	No known significant effects or critical hazards.
Inhalation	: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
	SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
	SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector SBP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Mamm Control (N-term)	No known significant effects or critical hazards.
Skin contact	: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
	SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
	SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector SBP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Mamm Control (N-term)	No known significant effects or critical hazards.

Section 4. First aid measures

Ingestion	: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
	SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
	SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector SBP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Mamm Control (N-term)	No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact	: SureVector CMV Mamm Promoter	No specific data.
	SureVector EF1 α Mamm Promoter	No specific data.
	SureVector SV40 Mamm Promoter	No specific data.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	No specific data.
	SureVector GFP Mamm Expression Tag (N-term)	No specific data.
	SureVector HA Mamm Expression Tag (N-term)	No specific data.
	SureVector c-Myc Mamm Expression Tag (N-term)	No specific data.
	SureVector HIS6 Mamm Expression Tag (N-term)	No specific data.
	SureVector SBP Mamm Expression Tag (N-term)	No specific data.
	SureVector Blasticidin Mamm Selectable Marker	No specific data.
	SureVector Hygromycin Mamm Selectable Marker	No specific data.
	SureVector Puromycin Mamm Selectable Marker	No specific data.
	SureVector LacZ Mamm Control (N-term)	No specific data.
Inhalation	: SureVector CMV Mamm Promoter	No specific data.
	SureVector EF1 α Mamm Promoter	No specific data.
	SureVector SV40 Mamm Promoter	No specific data.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	No specific data.
	SureVector GFP Mamm Expression Tag (N-term)	No specific data.

Section 4. First aid measures

	SureVector HA Mamm Expression Tag (N-term)	No specific data.
	SureVector c-Myc Mamm Expression Tag (N-term)	No specific data.
	SureVector HIS6 Mamm Expression Tag (N-term)	No specific data.
	SureVector SBP Mamm Expression Tag (N-term)	No specific data.
	SureVector Blasticidin Mamm Selectable Marker	No specific data.
	SureVector Hygromycin Mamm Selectable Marker	No specific data.
	SureVector Puromycin Mamm Selectable Marker	No specific data.
	SureVector LacZ Mamm Control (N-term)	No specific data.
Skin contact	: SureVector CMV Mamm Promoter	No specific data.
	SureVector EF1 α Mamm Promoter	No specific data.
	SureVector SV40 Mamm Promoter	No specific data.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	No specific data.
	SureVector GFP Mamm Expression Tag (N-term)	No specific data.
	SureVector HA Mamm Expression Tag (N-term)	No specific data.
	SureVector c-Myc Mamm Expression Tag (N-term)	No specific data.
	SureVector HIS6 Mamm Expression Tag (N-term)	No specific data.
	SureVector SBP Mamm Expression Tag (N-term)	No specific data.
	SureVector Blasticidin Mamm Selectable Marker	No specific data.
	SureVector Hygromycin Mamm Selectable Marker	No specific data.
	SureVector Puromycin Mamm Selectable Marker	No specific data.
	SureVector LacZ Mamm Control (N-term)	No specific data.
Ingestion	: SureVector CMV Mamm Promoter	No specific data.
	SureVector EF1 α Mamm Promoter	No specific data.
	SureVector SV40 Mamm Promoter	No specific data.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	No specific data.
	SureVector GFP Mamm Expression Tag (N-term)	No specific data.
	SureVector HA Mamm Expression Tag (N-term)	No specific data.
	SureVector c-Myc Mamm Expression Tag (N-term)	No specific data.
	SureVector HIS6 Mamm Expression Tag (N-term)	No specific data.
	SureVector SBP Mamm Expression Tag (N-term)	No specific data.
	SureVector Blasticidin Mamm Selectable Marker	No specific data.
	SureVector Hygromycin	No specific data.

Section 4. First aid measures

Mamm Selectable Marker SureVector Puromycin Mamm Selectable Marker	No specific data.
SureVector LacZ Mamm Control (N-term)	No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician	:	<input checked="" type="checkbox"/> SureVector CMV Mamm Promoter SureVector EF1 α Mamm Promoter SureVector SV40 Mamm Promoter SureVector FLAG $\text{\textcircled{R}}$ Mamm Expression Tag (N-term) SureVector GFP Mamm Expression Tag (N-term) SureVector HA Mamm Expression Tag (N-term) SureVector c-Myc Mamm Expression Tag (N-term) SureVector HIS6 Mamm Expression Tag (N-term) SureVector SBP Mamm Expression Tag (N-term) SureVector Blasticidin Mamm Selectable Marker SureVector Hygromycin Mamm Selectable Marker SureVector Puromycin Mamm Selectable Marker SureVector LacZ Mamm Control (N-term)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
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Specific treatments	:	<input checked="" type="checkbox"/> SureVector CMV Mamm Promoter SureVector EF1 α Mamm Promoter SureVector SV40 Mamm Promoter SureVector FLAG $\text{\textcircled{R}}$ Mamm Expression Tag (N-term) SureVector GFP Mamm Expression Tag (N-term) SureVector HA Mamm Expression Tag (N-term) SureVector c-Myc Mamm Expression Tag (N-term) SureVector HIS6 Mamm Expression Tag (N-term)	No specific treatment. No specific treatment. No specific treatment. No specific treatment. No specific treatment. No specific treatment. No specific treatment.
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Section 4. First aid measures

	SureVector SBP Mamm Expression Tag (N-term)	No specific treatment.
	SureVector Blasticidin Mamm Selectable Marker	No specific treatment.
	SureVector Hygromycin Mamm Selectable Marker	No specific treatment.
	SureVector Puromycin Mamm Selectable Marker	No specific treatment.
	SureVector LacZ Mamm Control (N-term)	No specific treatment.
Protection of first-aiders	: SureVector CMV Mamm Promoter	No action shall be taken involving any personal risk or without suitable training.
	SureVector EF1α Mamm Promoter	No action shall be taken involving any personal risk or without suitable training.
	SureVector SV40 Mamm Promoter	No action shall be taken involving any personal risk or without suitable training.
	SureVector FLAG® Mamm Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector GFP Mamm Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector HA Mamm Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector c-Myc Mamm Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector HIS6 Mamm Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector SBP Mamm Expression Tag (N-term)	No action shall be taken involving any personal risk or without suitable training.
	SureVector Blasticidin Mamm Selectable Marker	No action shall be taken involving any personal risk or without suitable training.
	SureVector Hygromycin Mamm Selectable Marker	No action shall be taken involving any personal risk or without suitable training.
	SureVector Puromycin Mamm Selectable Marker	No action shall be taken involving any personal risk or without suitable training.
	SureVector LacZ Mamm Control (N-term)	No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Firefighting measures

Extinguishing media

Suitable extinguishing media	: SureVector CMV Mamm Promoter	Use an extinguishing agent suitable for the surrounding fire.
	SureVector EF1α Mamm Promoter	Use an extinguishing agent suitable for the surrounding fire.
	SureVector SV40 Mamm Promoter	Use an extinguishing agent suitable for the surrounding fire.
	SureVector FLAG® Mamm Expression Tag (N-term)	Use an extinguishing agent suitable for the surrounding fire.
	SureVector GFP Mamm Expression Tag (N-term)	Use an extinguishing agent suitable for the surrounding fire.
	SureVector HA Mamm Expression Tag (N-term)	Use an extinguishing agent suitable for the surrounding fire.
	SureVector c-Myc Mamm Expression Tag (N-term)	Use an extinguishing agent suitable for the surrounding fire.
	SureVector HIS6 Mamm Expression Tag (N-term)	Use an extinguishing agent suitable for the surrounding fire.
	SureVector SBP Mamm Expression Tag (N-term)	Use an extinguishing agent suitable for the surrounding fire.
	SureVector Blasticidin Mamm Selectable Marker	Use an extinguishing agent suitable for the surrounding fire.
	SureVector Hygromycin	Use an extinguishing agent suitable for the surrounding fire.

Section 5. Firefighting measures

	Mamm Selectable Marker	surrounding fire.
	SureVector Puromycin	Use an extinguishing agent suitable for the surrounding fire.
	Mamm Selectable Marker	surrounding fire.
	SureVector LacZ Mamm	Use an extinguishing agent suitable for the surrounding fire.
	Control (N-term)	
Unsuitable extinguishing media	: SureVector CMV Mamm Promoter	None known.
	SureVector EF1α Mamm Promoter	None known.
	SureVector SV40 Mamm Promoter	None known.
	SureVector FLAG® Mamm Expression Tag (N-term)	None known.
	SureVector GFP Mamm Expression Tag (N-term)	None known.
	SureVector HA Mamm Expression Tag (N-term)	None known.
	SureVector c-Myc Mamm Expression Tag (N-term)	None known.
	SureVector HIS6 Mamm Expression Tag (N-term)	None known.
	SureVector SBP Mamm Expression Tag (N-term)	None known.
	SureVector Blasticidin	None known.
	Mamm Selectable Marker	None known.
	SureVector Hygromycin	None known.
	Mamm Selectable Marker	None known.
	SureVector Puromycin	None known.
	Mamm Selectable Marker	None known.
	SureVector LacZ Mamm	None known.
	Control (N-term)	
Specific hazards arising from the chemical	: SureVector CMV Mamm Promoter	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector EF1α Mamm Promoter	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector SV40 Mamm Promoter	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector FLAG® Mamm Expression Tag (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector GFP Mamm Expression Tag (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector HA Mamm Expression Tag (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector c-Myc Mamm Expression Tag (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector HIS6 Mamm Expression Tag (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector SBP Mamm Expression Tag (N-term)	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector Blasticidin	In a fire or if heated, a pressure increase will occur and the container may burst.
	Mamm Selectable Marker	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector Hygromycin	In a fire or if heated, a pressure increase will occur and the container may burst.
	Mamm Selectable Marker	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector Puromycin	In a fire or if heated, a pressure increase will occur and the container may burst.
	Mamm Selectable Marker	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureVector LacZ Mamm	In a fire or if heated, a pressure increase will occur and the container may burst.
	Control (N-term)	

Section 5. Firefighting measures

Hazardous thermal decomposition products

: SureVector CMV Mamm Promoter	No specific data.
SureVector EF1α Mamm Promoter	No specific data.
SureVector SV40 Mamm Promoter	No specific data.
SureVector FLAG® Mamm Expression Tag (N-term)	No specific data.
SureVector GFP Mamm Expression Tag (N-term)	No specific data.
SureVector HA Mamm Expression Tag (N-term)	No specific data.
SureVector c-Myc Mamm Expression Tag (N-term)	No specific data.
SureVector HIS6 Mamm Expression Tag (N-term)	No specific data.
SureVector SBP Mamm Expression Tag (N-term)	No specific data.
SureVector Blasticidin Mamm Selectable Marker	No specific data.
SureVector Hygromycin Mamm Selectable Marker	No specific data.
SureVector Puromycin Mamm Selectable Marker	No specific data.
SureVector LacZ Mamm Control (N-term)	No specific data.

Special protective actions for fire-fighters

: SureVector CMV Mamm Promoter	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector EF1α Mamm Promoter	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector SV40 Mamm Promoter	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector FLAG® Mamm Expression Tag (N-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector GFP Mamm Expression Tag (N-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector HA Mamm Expression Tag (N-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector c-Myc Mamm Expression Tag (N-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector HIS6 Mamm Expression Tag (N-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureVector SBP Mamm Expression Tag (N-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Section 5. Firefighting measures

	SureVector Blastidicin Mamm Selectable Marker	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureVector Hygromycin Mamm Selectable Marker	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureVector Puromycin Mamm Selectable Marker	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureVector LacZ Mamm Control (N-term)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: SureVector CMV Mamm Promoter	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	SureVector EF1 α Mamm Promoter	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	SureVector SV40 Mamm Promoter	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	SureVector GFP Mamm Expression Tag (N-term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	SureVector HA Mamm Expression Tag (N-term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	SureVector c-Myc Mamm Expression Tag (N-term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	SureVector HIS6 Mamm Expression Tag (N-term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	SureVector SBP Mamm Expression Tag (N-term)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	SureVector Blastidicin Mamm Selectable Marker	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	SureVector Hygromycin Mamm Selectable Marker	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	SureVector Puromycin Mamm Selectable Marker	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive

Section 5. Firefighting measures

SureVector LacZ Mamm
Control (N-term)

pressure mode.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

**For non-emergency
personnel**

: SureVector CMV Mamm
Promoter

SureVector EF1 α Mamm
Promoter

SureVector SV40 Mamm
Promoter

SureVector FLAG[®] Mamm
Expression Tag (N-term)

SureVector GFP Mamm
Expression Tag (N-term)

SureVector HA Mamm
Expression Tag (N-term)

SureVector c-Myc Mamm
Expression Tag (N-term)

SureVector HIS6 Mamm
Expression Tag (N-term)

SureVector SBP Mamm
Expression Tag (N-term)

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

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No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

Section 6. Accidental release measures

SureVector Blasticidin Mamm Selectable Marker	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureVector Hygromycin Mamm Selectable Marker	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureVector Puromycin Mamm Selectable Marker	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureVector LacZ Mamm Control (N-term)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
For emergency responders : SureVector CMV Mamm Promoter	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector EF1 α Mamm Promoter	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector SV40 Mamm Promoter	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector FLAG [®] Mamm Expression Tag (N-term)	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector GFP Mamm Expression Tag (N-term)	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector HA Mamm Expression Tag (N-term)	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector c-Myc Mamm Expression Tag (N-term)	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector HIS6 Mamm Expression Tag (N-term)	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector SBP Mamm Expression Tag (N-term)	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureVector Blasticidin Mamm Selectable Marker	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the

Section 6. Accidental release measures

SureVector Hygromycin
Mamm Selectable Marker

information in "For non-emergency personnel".
If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

SureVector Puromycin
Mamm Selectable Marker

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

SureVector LacZ Mamm
Control (N-term)

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions :

- SureVector CMV Mamm Promoter
- SureVector EF1 α Mamm Promoter
- SureVector SV40 Mamm Promoter
- SureVector FLAG[®] Mamm Expression Tag (N-term)
- SureVector GFP Mamm Expression Tag (N-term)
- SureVector HA Mamm Expression Tag (N-term)
- SureVector c-Myc Mamm Expression Tag (N-term)
- SureVector HIS6 Mamm Expression Tag (N-term)
- SureVector SBP Mamm Expression Tag (N-term)
- SureVector Blasticidin Mamm Selectable Marker

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

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Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Section 6. Accidental release measures

SureVector Hygromycin Mamm Selectable Marker	soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureVector Puromycin Mamm Selectable Marker	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureVector LacZ Mamm Control (N-term)	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and material for containment and cleaning up

Methods for cleaning up	: SureVector CMV Mamm Promoter	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	SureVector EF1 α Mamm Promoter	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	SureVector SV40 Mamm Promoter	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	SureVector GFP Mamm Expression Tag (N-term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	SureVector HA Mamm Expression Tag (N-term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	SureVector c-Myc Mamm Expression Tag (N-term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	SureVector HIS6 Mamm Expression Tag (N-term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an

Section 6. Accidental release measures

SureVector SBP Mamm Expression Tag (N-term)	inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureVector Blasticidin Mamm Selectable Marker	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureVector Hygromycin Mamm Selectable Marker	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureVector Puromycin Mamm Selectable Marker	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureVector LacZ Mamm Control (N-term)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and storage

Precautions for safe handling

Protective measures	: SureVector CMV Mamm Promoter	Put on appropriate personal protective equipment (see Section 8).
	SureVector EF1 α Mamm Promoter	Put on appropriate personal protective equipment (see Section 8).
	SureVector SV40 Mamm Promoter	Put on appropriate personal protective equipment (see Section 8).
	SureVector FLAG [®] Mamm Expression Tag (N-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector GFP Mamm Expression Tag (N-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector HA Mamm Expression Tag (N-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector c-Myc Mamm Expression Tag (N-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector HIS6 Mamm Expression Tag (N-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector SBP Mamm Expression Tag (N-term)	Put on appropriate personal protective equipment (see Section 8).
	SureVector Blasticidin Mamm Selectable Marker	Put on appropriate personal protective equipment (see Section 8).
	SureVector Hygromycin Mamm Selectable Marker	Put on appropriate personal protective equipment (see Section 8).
	SureVector Puromycin Mamm Selectable Marker	Put on appropriate personal protective equipment (see Section 8).
	SureVector LacZ Mamm Control (N-term)	Put on appropriate personal protective equipment (see Section 8).

Section 7. Handling and storage

Advice on general occupational hygiene

: SureVector CMV Mamm Promoter	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector EF1 α Mamm Promoter	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector SV40 Mamm Promoter	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector FLAG [®] Mamm Expression Tag (N-term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector GFP Mamm Expression Tag (N-term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector HA Mamm Expression Tag (N-term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector c-Myc Mamm Expression Tag (N-term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector HIS6 Mamm Expression Tag (N-term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector SBP Mamm Expression Tag (N-term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Section 7. Handling and storage

SureVector Blastidin Mamm Selectable Marker	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector Hygromycin Mamm Selectable Marker	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector Puromycin Mamm Selectable Marker	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureVector LacZ Mamm Control (N-term)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities : SureVector CMV Mamm Promoter	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
SureVector EF1α Mamm Promoter	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
SureVector SV40 Mamm Promoter	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
SureVector FLAG® Mamm Expression Tag (N-term)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and

Section 7. Handling and storage

	drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
SureVector GFP Mamm Expression Tag (N-term)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
SureVector HA Mamm Expression Tag (N-term)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
SureVector c-Myc Mamm Expression Tag (N-term)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
SureVector HIS6 Mamm Expression Tag (N-term)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
SureVector SBP Mamm Expression Tag (N-term)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
SureVector Blasticidin Mamm Selectable Marker	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to

Section 7. Handling and storage

SureVector Hygromycin
Mamm Selectable Marker

prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

SureVector Puromycin
Mamm Selectable Marker

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

SureVector LacZ Mamm
Control (N-term)

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls and personal protection

Control parameters

Occupational exposure limits

None.

Appropriate engineering controls

: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Section 8. Exposure controls and personal protection

- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

Appearance

- Physical state** : SureVector CMV Mamm Promoter Liquid.
 SureVector EF1 α Mamm Promoter Liquid.
 SureVector SV40 Mamm Promoter Liquid.
 SureVector FLAG[®] Mamm Expression Tag (N-term) Liquid.
 SureVector GFP Mamm Expression Tag (N-term) Liquid.
 SureVector HA Mamm Expression Tag (N-term) Liquid.
 SureVector c-Myc Mamm Expression Tag (N-term) Liquid.
 SureVector HIS6 Mamm Expression Tag (N-term) Liquid.
 SureVector SBP Mamm Expression Tag (N-term) Liquid.
 SureVector Blasticidin Mamm Selectable Marker Liquid.
 SureVector Hygromycin Mamm Selectable Marker Liquid.
 SureVector Puromycin Mamm Selectable Marker Liquid.
 SureVector LacZ Mamm Control (N-term) Liquid.
- Colour** : SureVector CMV Mamm Promoter Not available.
 SureVector EF1 α Mamm Promoter Not available.
 SureVector SV40 Mamm Promoter Not available.
 SureVector FLAG[®] Mamm Expression Tag (N-term) Not available.
 SureVector GFP Mamm Expression Tag (N-term) Not available.
 SureVector HA Mamm Expression Tag (N-term) Not available.
 SureVector c-Myc Mamm Expression Tag (N-term) Not available.
 SureVector HIS6 Mamm Expression Tag (N-term) Not available.
 SureVector SBP Mamm Expression Tag (N-term) Not available.
 SureVector Blasticidin Not available.

Section 9. Physical and chemical properties

		Mamm Selectable Marker	
		SureVector Hygromycin	Not available.
		Mamm Selectable Marker	
		SureVector Puromycin	Not available.
		Mamm Selectable Marker	
		SureVector LacZ Mamm	Not available.
		Control (N-term)	
Odour	:	<input checked="" type="checkbox"/> SureVector CMV Mamm	Not available.
		Promoter	
		SureVector EF1 α Mamm	Not available.
		Promoter	
		SureVector SV40 Mamm	Not available.
		Promoter	
		SureVector FLAG [®] Mamm	Not available.
		Expression Tag (N-term)	
		SureVector GFP Mamm	Not available.
		Expression Tag (N-term)	
		SureVector HA Mamm	Not available.
		Expression Tag (N-term)	
		SureVector c-Myc Mamm	Not available.
		Expression Tag (N-term)	
		SureVector HIS6 Mamm	Not available.
		Expression Tag (N-term)	
		SureVector SBP Mamm	Not available.
		Expression Tag (N-term)	
		SureVector Blasticidin	Not available.
		Mamm Selectable Marker	
		SureVector Hygromycin	Not available.
		Mamm Selectable Marker	
		SureVector Puromycin	Not available.
		Mamm Selectable Marker	
		SureVector LacZ Mamm	Not available.
		Control (N-term)	
Odour threshold	:	<input checked="" type="checkbox"/> SureVector CMV Mamm	Not available.
		Promoter	
		SureVector EF1 α Mamm	Not available.
		Promoter	
		SureVector SV40 Mamm	Not available.
		Promoter	
		SureVector FLAG [®] Mamm	Not available.
		Expression Tag (N-term)	
		SureVector GFP Mamm	Not available.
		Expression Tag (N-term)	
		SureVector HA Mamm	Not available.
		Expression Tag (N-term)	
		SureVector c-Myc Mamm	Not available.
		Expression Tag (N-term)	
		SureVector HIS6 Mamm	Not available.
		Expression Tag (N-term)	
		SureVector SBP Mamm	Not available.
		Expression Tag (N-term)	
		SureVector Blasticidin	Not available.
		Mamm Selectable Marker	
		SureVector Hygromycin	Not available.
		Mamm Selectable Marker	
		SureVector Puromycin	Not available.
		Mamm Selectable Marker	
		SureVector LacZ Mamm	Not available.
		Control (N-term)	

pH :

Section 9. Physical and chemical properties

☑ SureVector CMV Mamm Promoter	8
SureVector EF1α Mamm Promoter	8
SureVector SV40 Mamm Promoter	8
SureVector FLAG® Mamm Expression Tag (N-term)	8
SureVector GFP Mamm Expression Tag (N-term)	8
SureVector HA Mamm Expression Tag (N-term)	8
SureVector c-Myc Mamm Expression Tag (N-term)	8
SureVector HIS6 Mamm Expression Tag (N-term)	8
SureVector SBP Mamm Expression Tag (N-term)	8
SureVector Blasticidin Mamm Selectable Marker	8
SureVector Hygromycin Mamm Selectable Marker	8
SureVector Puromycin Mamm Selectable Marker	8
SureVector LacZ Mamm Control (N-term)	8

Melting point

☑ SureVector CMV Mamm Promoter	0°C (32°F)
SureVector EF1α Mamm Promoter	0°C (32°F)
SureVector SV40 Mamm Promoter	0°C (32°F)
SureVector FLAG® Mamm Expression Tag (N-term)	0°C (32°F)
SureVector GFP Mamm Expression Tag (N-term)	0°C (32°F)
SureVector HA Mamm Expression Tag (N-term)	0°C (32°F)
SureVector c-Myc Mamm Expression Tag (N-term)	0°C (32°F)
SureVector HIS6 Mamm Expression Tag (N-term)	0°C (32°F)
SureVector SBP Mamm Expression Tag (N-term)	0°C (32°F)
SureVector Blasticidin Mamm Selectable Marker	0°C (32°F)
SureVector Hygromycin Mamm Selectable Marker	0°C (32°F)
SureVector Puromycin Mamm Selectable Marker	0°C (32°F)
SureVector LacZ Mamm Control (N-term)	0°C (32°F)

Boiling point

☑ SureVector CMV Mamm Promoter	100°C (212°F)
SureVector EF1α Mamm Promoter	100°C (212°F)
SureVector SV40 Mamm Promoter	100°C (212°F)
SureVector FLAG® Mamm Expression Tag (N-term)	100°C (212°F)
SureVector GFP Mamm Expression Tag (N-term)	100°C (212°F)
SureVector HA Mamm	100°C (212°F)

Section 9. Physical and chemical properties

	Expression Tag (N-term) SureVector c-Myc Mamm Expression Tag (N-term)	100°C (212°F)
	SureVector HIS6 Mamm Expression Tag (N-term)	100°C (212°F)
	SureVector SBP Mamm Expression Tag (N-term)	100°C (212°F)
	SureVector Blasticidin Mamm Selectable Marker	100°C (212°F)
	SureVector Hygromycin Mamm Selectable Marker	100°C (212°F)
	SureVector Puromycin Mamm Selectable Marker	100°C (212°F)
	SureVector LacZ Mamm Control (N-term)	100°C (212°F)
Flash point	: SureVector CMV Mamm Promoter	Not available.
	SureVector EF1α Mamm Promoter	Not available.
	SureVector SV40 Mamm Promoter	Not available.
	SureVector FLAG® Mamm Expression Tag (N-term)	Not available.
	SureVector GFP Mamm Expression Tag (N-term)	Not available.
	SureVector HA Mamm Expression Tag (N-term)	Not available.
	SureVector c-Myc Mamm Expression Tag (N-term)	Not available.
	SureVector HIS6 Mamm Expression Tag (N-term)	Not available.
	SureVector SBP Mamm Expression Tag (N-term)	Not available.
	SureVector Blasticidin Mamm Selectable Marker	Not available.
	SureVector Hygromycin Mamm Selectable Marker	Not available.
	SureVector Puromycin Mamm Selectable Marker	Not available.
	SureVector LacZ Mamm Control (N-term)	Not available.
Evaporation rate	: SureVector CMV Mamm Promoter	Not available.
	SureVector EF1α Mamm Promoter	Not available.
	SureVector SV40 Mamm Promoter	Not available.
	SureVector FLAG® Mamm Expression Tag (N-term)	Not available.
	SureVector GFP Mamm Expression Tag (N-term)	Not available.
	SureVector HA Mamm Expression Tag (N-term)	Not available.
	SureVector c-Myc Mamm Expression Tag (N-term)	Not available.
	SureVector HIS6 Mamm Expression Tag (N-term)	Not available.
	SureVector SBP Mamm Expression Tag (N-term)	Not available.
	SureVector Blasticidin Mamm Selectable Marker	Not available.
	SureVector Hygromycin Mamm Selectable Marker	Not available.

Section 9. Physical and chemical properties

	SureVector Puromycin Mamm Selectable Marker	Not available.
	SureVector LacZ Mamm Control (N-term)	Not available.
Flammability (solid, gas)	: SureVector CMV Mamm Promoter	Not applicable.
	SureVector EF1 α Mamm Promoter	Not applicable.
	SureVector SV40 Mamm Promoter	Not applicable.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	Not applicable.
	SureVector GFP Mamm Expression Tag (N-term)	Not applicable.
	SureVector HA Mamm Expression Tag (N-term)	Not applicable.
	SureVector c-Myc Mamm Expression Tag (N-term)	Not applicable.
	SureVector HIS6 Mamm Expression Tag (N-term)	Not applicable.
	SureVector SBP Mamm Expression Tag (N-term)	Not applicable.
	SureVector Blasticidin Mamm Selectable Marker	Not applicable.
	SureVector Hygromycin Mamm Selectable Marker	Not applicable.
	SureVector Puromycin Mamm Selectable Marker	Not applicable.
	SureVector LacZ Mamm Control (N-term)	Not applicable.
Lower and upper explosive (flammable) limits	: SureVector CMV Mamm Promoter	Not available.
	SureVector EF1 α Mamm Promoter	Not available.
	SureVector SV40 Mamm Promoter	Not available.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	Not available.
	SureVector GFP Mamm Expression Tag (N-term)	Not available.
	SureVector HA Mamm Expression Tag (N-term)	Not available.
	SureVector c-Myc Mamm Expression Tag (N-term)	Not available.
	SureVector HIS6 Mamm Expression Tag (N-term)	Not available.
	SureVector SBP Mamm Expression Tag (N-term)	Not available.
	SureVector Blasticidin Mamm Selectable Marker	Not available.
	SureVector Hygromycin Mamm Selectable Marker	Not available.
	SureVector Puromycin Mamm Selectable Marker	Not available.
	SureVector LacZ Mamm Control (N-term)	Not available.

Section 9. Physical and chemical properties

Vapour pressure	:	☑ SureVector CMV Mamm Promoter	Not available.	
		SureVector EF1α Mamm Promoter	Not available.	
		SureVector SV40 Mamm Promoter	Not available.	
		SureVector FLAG® Mamm Expression Tag (N-term)	Not available.	
		SureVector GFP Mamm Expression Tag (N-term)	Not available.	
		SureVector HA Mamm Expression Tag (N-term)	Not available.	
		SureVector c-Myc Mamm Expression Tag (N-term)	Not available.	
		SureVector HIS6 Mamm Expression Tag (N-term)	Not available.	
		SureVector SBP Mamm Expression Tag (N-term)	Not available.	
		SureVector Blasticidin Mamm Selectable Marker	Not available.	
		SureVector Hygromycin Mamm Selectable Marker	Not available.	
		SureVector Puromycin Mamm Selectable Marker	Not available.	
		SureVector LacZ Mamm Control (N-term)	Not available.	
	Vapour density	:	☑ SureVector CMV Mamm Promoter	Not available.
			SureVector EF1α Mamm Promoter	Not available.
			SureVector SV40 Mamm Promoter	Not available.
			SureVector FLAG® Mamm Expression Tag (N-term)	Not available.
			SureVector GFP Mamm Expression Tag (N-term)	Not available.
			SureVector HA Mamm Expression Tag (N-term)	Not available.
			SureVector c-Myc Mamm Expression Tag (N-term)	Not available.
		SureVector HIS6 Mamm Expression Tag (N-term)	Not available.	
		SureVector SBP Mamm Expression Tag (N-term)	Not available.	
		SureVector Blasticidin Mamm Selectable Marker	Not available.	
		SureVector Hygromycin Mamm Selectable Marker	Not available.	
		SureVector Puromycin Mamm Selectable Marker	Not available.	
		SureVector LacZ Mamm Control (N-term)	Not available.	
Relative density		:	☑ SureVector CMV Mamm Promoter	Not available.
			SureVector EF1α Mamm Promoter	Not available.
			SureVector SV40 Mamm Promoter	Not available.
			SureVector FLAG® Mamm Expression Tag (N-term)	Not available.
			SureVector GFP Mamm Expression Tag (N-term)	Not available.
			SureVector HA Mamm	Not available.

Section 9. Physical and chemical properties

	Expression Tag (N-term)	
	SureVector c-Myc Mamm	Not available.
	Expression Tag (N-term)	
	SureVector HIS6 Mamm	Not available.
	Expression Tag (N-term)	
	SureVector SBP Mamm	Not available.
	Expression Tag (N-term)	
	SureVector Blasticidin	Not available.
	Mamm Selectable Marker	
	SureVector Hygromycin	Not available.
	Mamm Selectable Marker	
	SureVector Puromycin	Not available.
	Mamm Selectable Marker	
	SureVector LacZ Mamm	Not available.
	Control (N-term)	
Solubility	<input checked="" type="checkbox"/> SureVector CMV Mamm	Easily soluble in the following materials: cold water
	Promoter	and hot water.
	SureVector EF1 α Mamm	Easily soluble in the following materials: cold water
	Promoter	and hot water.
	SureVector SV40 Mamm	Easily soluble in the following materials: cold water
	Promoter	and hot water.
	SureVector FLAG [®] Mamm	Easily soluble in the following materials: cold water
	Expression Tag (N-term)	and hot water.
	SureVector GFP Mamm	Easily soluble in the following materials: cold water
	Expression Tag (N-term)	and hot water.
	SureVector HA Mamm	Easily soluble in the following materials: cold water
	Expression Tag (N-term)	and hot water.
	SureVector c-Myc Mamm	Easily soluble in the following materials: cold water
	Expression Tag (N-term)	and hot water.
	SureVector HIS6 Mamm	Easily soluble in the following materials: cold water
	Expression Tag (N-term)	and hot water.
	SureVector SBP Mamm	Easily soluble in the following materials: cold water
	Expression Tag (N-term)	and hot water.
	SureVector Blasticidin	Easily soluble in the following materials: cold water
	Mamm Selectable Marker	and hot water.
	SureVector Hygromycin	Easily soluble in the following materials: cold water
	Mamm Selectable Marker	and hot water.
	SureVector Puromycin	Easily soluble in the following materials: cold water
	Mamm Selectable Marker	and hot water.
	SureVector LacZ Mamm	Easily soluble in the following materials: cold water
	Control (N-term)	and hot water.
Partition coefficient: n-octanol/water	<input checked="" type="checkbox"/> SureVector CMV Mamm	Not available.
	Promoter	
	SureVector EF1 α Mamm	Not available.
	Promoter	
	SureVector SV40 Mamm	Not available.
	Promoter	
	SureVector FLAG [®] Mamm	Not available.
	Expression Tag (N-term)	
	SureVector GFP Mamm	Not available.
	Expression Tag (N-term)	
	SureVector HA Mamm	Not available.
	Expression Tag (N-term)	
	SureVector c-Myc Mamm	Not available.
	Expression Tag (N-term)	
	SureVector HIS6 Mamm	Not available.
	Expression Tag (N-term)	
	SureVector SBP Mamm	Not available.
	Expression Tag (N-term)	
	SureVector Blasticidin	Not available.
	Mamm Selectable Marker	
	SureVector Hygromycin	Not available.
	Mamm Selectable Marker	

Section 9. Physical and chemical properties

	SureVector Puromycin Mamm Selectable Marker	Not available.
	SureVector LacZ Mamm Control (N-term)	Not available.
Auto-ignition temperature	: SureVector CMV Mamm Promoter	Not available.
	SureVector EF1 α Mamm Promoter	Not available.
	SureVector SV40 Mamm Promoter	Not available.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	Not available.
	SureVector GFP Mamm Expression Tag (N-term)	Not available.
	SureVector HA Mamm Expression Tag (N-term)	Not available.
	SureVector c-Myc Mamm Expression Tag (N-term)	Not available.
	SureVector HIS6 Mamm Expression Tag (N-term)	Not available.
	SureVector SBP Mamm Expression Tag (N-term)	Not available.
	SureVector Blasticidin Mamm Selectable Marker	Not available.
	SureVector Hygromycin Mamm Selectable Marker	Not available.
	SureVector Puromycin Mamm Selectable Marker	Not available.
	SureVector LacZ Mamm Control (N-term)	Not available.
Decomposition temperature	: SureVector CMV Mamm Promoter	Not available.
	SureVector EF1 α Mamm Promoter	Not available.
	SureVector SV40 Mamm Promoter	Not available.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	Not available.
	SureVector GFP Mamm Expression Tag (N-term)	Not available.
	SureVector HA Mamm Expression Tag (N-term)	Not available.
	SureVector c-Myc Mamm Expression Tag (N-term)	Not available.
	SureVector HIS6 Mamm Expression Tag (N-term)	Not available.
	SureVector SBP Mamm Expression Tag (N-term)	Not available.
	SureVector Blasticidin Mamm Selectable Marker	Not available.
	SureVector Hygromycin Mamm Selectable Marker	Not available.
	SureVector Puromycin Mamm Selectable Marker	Not available.
	SureVector LacZ Mamm Control (N-term)	Not available.

Section 9. Physical and chemical properties

Viscosity	: SureVector CMV Mamm Promoter	Not available.
	SureVector EF1α Mamm Promoter	Not available.
	SureVector SV40 Mamm Promoter	Not available.
	SureVector FLAG® Mamm Expression Tag (N-term)	Not available.
	SureVector GFP Mamm Expression Tag (N-term)	Not available.
	SureVector HA Mamm Expression Tag (N-term)	Not available.
	SureVector c-Myc Mamm Expression Tag (N-term)	Not available.
	SureVector HIS6 Mamm Expression Tag (N-term)	Not available.
	SureVector SBP Mamm Expression Tag (N-term)	Not available.
	SureVector Blasticidin Mamm Selectable Marker	Not available.
	SureVector Hygromycin Mamm Selectable Marker	Not available.
	SureVector Puromycin Mamm Selectable Marker	Not available.
	SureVector LacZ Mamm Control (N-term)	Not available.

Section 10. Stability and reactivity

Reactivity	: SureVector CMV Mamm Promoter	No specific test data related to reactivity available for this product or its ingredients.
	SureVector EF1α Mamm Promoter	No specific test data related to reactivity available for this product or its ingredients.
	SureVector SV40 Mamm Promoter	No specific test data related to reactivity available for this product or its ingredients.
	SureVector FLAG® Mamm Expression Tag (N-term)	No specific test data related to reactivity available for this product or its ingredients.
	SureVector GFP Mamm Expression Tag (N-term)	No specific test data related to reactivity available for this product or its ingredients.
	SureVector HA Mamm Expression Tag (N-term)	No specific test data related to reactivity available for this product or its ingredients.
	SureVector c-Myc Mamm Expression Tag (N-term)	No specific test data related to reactivity available for this product or its ingredients.
	SureVector HIS6 Mamm Expression Tag (N-term)	No specific test data related to reactivity available for this product or its ingredients.
	SureVector SBP Mamm Expression Tag (N-term)	No specific test data related to reactivity available for this product or its ingredients.
	SureVector Blasticidin Mamm Selectable Marker	No specific test data related to reactivity available for this product or its ingredients.
	SureVector Hygromycin Mamm Selectable Marker	No specific test data related to reactivity available for this product or its ingredients.
	SureVector Puromycin Mamm Selectable Marker	No specific test data related to reactivity available for this product or its ingredients.
	SureVector LacZ Mamm Control (N-term)	No specific test data related to reactivity available for this product or its ingredients.

Chemical stability	: SureVector CMV Mamm Promoter	The product is stable.
	SureVector EF1α Mamm Promoter	The product is stable.
	SureVector SV40 Mamm Promoter	The product is stable.
	SureVector FLAG® Mamm	The product is stable.

Section 10. Stability and reactivity

Expression Tag (N-term) SureVector GFP Mamm Expression Tag (N-term)	The product is stable.
SureVector HA Mamm Expression Tag (N-term)	The product is stable.
SureVector c-Myc Mamm Expression Tag (N-term)	The product is stable.
SureVector HIS6 Mamm Expression Tag (N-term)	The product is stable.
SureVector SBP Mamm Expression Tag (N-term)	The product is stable.
SureVector Blasticidin Mamm Selectable Marker	The product is stable.
SureVector Hygromycin Mamm Selectable Marker	The product is stable.
SureVector Puromycin Mamm Selectable Marker	The product is stable.
SureVector LacZ Mamm Control (N-term)	The product is stable.

Possibility of hazardous reactions

: SureVector CMV Mamm Promoter	Under normal conditions of storage and use, hazardous reactions will not occur.
SureVector EF1 α Mamm Promoter	Under normal conditions of storage and use, hazardous reactions will not occur.
SureVector SV40 Mamm Promoter	Under normal conditions of storage and use, hazardous reactions will not occur.
SureVector FLAG [®] Mamm Expression Tag (N-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
SureVector GFP Mamm Expression Tag (N-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
SureVector HA Mamm Expression Tag (N-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
SureVector c-Myc Mamm Expression Tag (N-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
SureVector HIS6 Mamm Expression Tag (N-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
SureVector SBP Mamm Expression Tag (N-term)	Under normal conditions of storage and use, hazardous reactions will not occur.
SureVector Blasticidin Mamm Selectable Marker	Under normal conditions of storage and use, hazardous reactions will not occur.
SureVector Hygromycin Mamm Selectable Marker	Under normal conditions of storage and use, hazardous reactions will not occur.
SureVector Puromycin Mamm Selectable Marker	Under normal conditions of storage and use, hazardous reactions will not occur.
SureVector LacZ Mamm Control (N-term)	Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid

: SureVector CMV Mamm Promoter	No specific data.
SureVector EF1 α Mamm Promoter	No specific data.
SureVector SV40 Mamm Promoter	No specific data.
SureVector FLAG [®] Mamm Expression Tag (N-term)	No specific data.
SureVector GFP Mamm Expression Tag (N-term)	No specific data.
SureVector HA Mamm Expression Tag (N-term)	No specific data.
SureVector c-Myc Mamm Expression Tag (N-term)	No specific data.
SureVector HIS6 Mamm Expression Tag (N-term)	No specific data.

Section 10. Stability and reactivity

SureVector SBP Mamm Expression Tag (N-term)	No specific data.
SureVector Blasticidin Mamm Selectable Marker	No specific data.
SureVector Hygromycin Mamm Selectable Marker	No specific data.
SureVector Puromycin Mamm Selectable Marker	No specific data.
SureVector LacZ Mamm Control (N-term)	No specific data.

Incompatible materials	: SureVector CMV Mamm Promoter	May react or be incompatible with oxidising materials.
	SureVector EF1 α Mamm Promoter	May react or be incompatible with oxidising materials.
	SureVector SV40 Mamm Promoter	May react or be incompatible with oxidising materials.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	May react or be incompatible with oxidising materials.
	SureVector GFP Mamm Expression Tag (N-term)	May react or be incompatible with oxidising materials.
	SureVector HA Mamm Expression Tag (N-term)	May react or be incompatible with oxidising materials.
	SureVector c-Myc Mamm Expression Tag (N-term)	May react or be incompatible with oxidising materials.
	SureVector HIS6 Mamm Expression Tag (N-term)	May react or be incompatible with oxidising materials.
	SureVector SBP Mamm Expression Tag (N-term)	May react or be incompatible with oxidising materials.
	SureVector Blasticidin Mamm Selectable Marker	May react or be incompatible with oxidising materials.
	SureVector Hygromycin Mamm Selectable Marker	May react or be incompatible with oxidising materials.
	SureVector Puromycin Mamm Selectable Marker	May react or be incompatible with oxidising materials.
	SureVector LacZ Mamm Control (N-term)	May react or be incompatible with oxidising materials.

Hazardous decomposition products	: SureVector CMV Mamm Promoter	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector EF1 α Mamm Promoter	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector SV40 Mamm Promoter	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector FLAG [®] Mamm Expression Tag (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector GFP Mamm Expression Tag (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector HA Mamm Expression Tag (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector c-Myc Mamm Expression Tag (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector HIS6 Mamm Expression Tag (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureVector SBP Mamm	Under normal conditions of storage and use,

Section 10. Stability and reactivity

Expression Tag (N-term)	hazardous decomposition products should not be produced.
SureVector Blastocidin Mamm Selectable Marker	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureVector Hygromycin Mamm Selectable Marker	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureVector Puromycin Mamm Selectable Marker	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureVector LacZ Mamm Control (N-term)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Not available.

Irritation/Corrosion

Not available.

Sensitisation

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes of exposure

<input checked="" type="checkbox"/> SureVector CMV Mamm Promoter	Not available.
SureVector EF1α Mamm Promoter	Not available.
SureVector SV40 Mamm Promoter	Not available.
SureVector FLAG® Mamm Expression Tag (N-term)	Not available.
SureVector GFP Mamm Expression Tag (N-term)	Not available.
SureVector HA Mamm Expression Tag (N-term)	Not available.
SureVector c-Myc Mamm Expression Tag (N-term)	Not available.

Section 11. Toxicological information

SureVector HIS6 Mamm Expression Tag (N-term)	Not available.
SureVector SBP Mamm Expression Tag (N-term)	Not available.
SureVector Blasticidin Mamm Selectable Marker	Not available.
SureVector Hygromycin Mamm Selectable Marker	Not available.
SureVector Puromycin Mamm Selectable Marker	Not available.
SureVector LacZ Mamm Control (N-term)	Not available.

Potential acute health effects

Eye contact

: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector SBP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
SureVector LacZ Mamm Control (N-term)	No known significant effects or critical hazards.

Inhalation

: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector SBP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
SureVector Puromycin	No known significant effects or critical hazards.

Section 11. Toxicological information

	Mamm Selectable Marker	
	SureVector LacZ Mamm	No known significant effects or critical hazards.
	Control (N-term)	
Skin contact	: SureVector CMV Mamm	No known significant effects or critical hazards.
	Promoter	
	SureVector EF1 α Mamm	No known significant effects or critical hazards.
	Promoter	
	SureVector SV40 Mamm	No known significant effects or critical hazards.
	Promoter	
	SureVector FLAG [®] Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector GFP Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector HA Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector c-Myc Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector HIS6 Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector SBP Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector Blasticidin	No known significant effects or critical hazards.
	Mamm Selectable Marker	
	SureVector Hygromycin	No known significant effects or critical hazards.
	Mamm Selectable Marker	
	SureVector Puromycin	No known significant effects or critical hazards.
	Mamm Selectable Marker	
	SureVector LacZ Mamm	No known significant effects or critical hazards.
	Control (N-term)	
Ingestion	: SureVector CMV Mamm	No known significant effects or critical hazards.
	Promoter	
	SureVector EF1 α Mamm	No known significant effects or critical hazards.
	Promoter	
	SureVector SV40 Mamm	No known significant effects or critical hazards.
	Promoter	
	SureVector FLAG [®] Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector GFP Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector HA Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector c-Myc Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector HIS6 Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector SBP Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector Blasticidin	No known significant effects or critical hazards.
	Mamm Selectable Marker	
	SureVector Hygromycin	No known significant effects or critical hazards.
	Mamm Selectable Marker	
	SureVector Puromycin	No known significant effects or critical hazards.
	Mamm Selectable Marker	
	SureVector LacZ Mamm	No known significant effects or critical hazards.
	Control (N-term)	

[Symptoms related to the physical, chemical and toxicological characteristics](#)

Section 11. Toxicological information

Eye contact	: SureVector CMV Mamm Promoter	No specific data.	
	SureVector EF1 α Mamm Promoter	No specific data.	
	SureVector SV40 Mamm Promoter	No specific data.	
	SureVector FLAG [®] Mamm Expression Tag (N-term)	No specific data.	
	SureVector GFP Mamm Expression Tag (N-term)	No specific data.	
	SureVector HA Mamm Expression Tag (N-term)	No specific data.	
	SureVector c-Myc Mamm Expression Tag (N-term)	No specific data.	
	SureVector HIS6 Mamm Expression Tag (N-term)	No specific data.	
	SureVector SBP Mamm Expression Tag (N-term)	No specific data.	
	SureVector Blasticidin Mamm Selectable Marker	No specific data.	
	SureVector Hygromycin Mamm Selectable Marker	No specific data.	
	SureVector Puromycin Mamm Selectable Marker	No specific data.	
	SureVector LacZ Mamm Control (N-term)	No specific data.	
	Inhalation	: SureVector CMV Mamm Promoter	No specific data.
		SureVector EF1 α Mamm Promoter	No specific data.
		SureVector SV40 Mamm Promoter	No specific data.
		SureVector FLAG [®] Mamm Expression Tag (N-term)	No specific data.
		SureVector GFP Mamm Expression Tag (N-term)	No specific data.
		SureVector HA Mamm Expression Tag (N-term)	No specific data.
		SureVector c-Myc Mamm Expression Tag (N-term)	No specific data.
SureVector HIS6 Mamm Expression Tag (N-term)		No specific data.	
SureVector SBP Mamm Expression Tag (N-term)		No specific data.	
SureVector Blasticidin Mamm Selectable Marker		No specific data.	
SureVector Hygromycin Mamm Selectable Marker		No specific data.	
SureVector Puromycin Mamm Selectable Marker		No specific data.	
SureVector LacZ Mamm Control (N-term)		No specific data.	
Skin contact		: SureVector CMV Mamm Promoter	No specific data.
		SureVector EF1 α Mamm Promoter	No specific data.
		SureVector SV40 Mamm Promoter	No specific data.
		SureVector FLAG [®] Mamm Expression Tag (N-term)	No specific data.
		SureVector GFP Mamm Expression Tag (N-term)	No specific data.
		SureVector HA Mamm	No specific data.

Section 11. Toxicological information

	Expression Tag (N-term)	
	SureVector c-Myc Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector HIS6 Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector SBP Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector Blasticidin	No specific data.
	Mamm Selectable Marker	
	SureVector Hygromycin	No specific data.
	Mamm Selectable Marker	
	SureVector Puromycin	No specific data.
	Mamm Selectable Marker	
	SureVector LacZ Mamm	No specific data.
	Control (N-term)	
Ingestion	: SureVector CMV Mamm	No specific data.
	Promoter	
	SureVector EF1 α Mamm	No specific data.
	Promoter	
	SureVector SV40 Mamm	No specific data.
	Promoter	
	SureVector FLAG [®] Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector GFP Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector HA Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector c-Myc Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector HIS6 Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector SBP Mamm	No specific data.
	Expression Tag (N-term)	
	SureVector Blasticidin	No specific data.
	Mamm Selectable Marker	
	SureVector Hygromycin	No specific data.
	Mamm Selectable Marker	
	SureVector Puromycin	No specific data.
	Mamm Selectable Marker	
	SureVector LacZ Mamm	No specific data.
	Control (N-term)	

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

Not available.

Section 11. Toxicological information

General	: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.	
	SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.	
	SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.	
	SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.	
	SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.	
	SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.	
	SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.	
	SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.	
	SureVector SBP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.	
	SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.	
	SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.	
	SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.	
	SureVector LacZ Mamm Control (N-term)	No known significant effects or critical hazards.	
	Carcinogenicity	: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
		SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
SureVector SV40 Mamm Promoter		No known significant effects or critical hazards.	
SureVector FLAG [®] Mamm Expression Tag (N-term)		No known significant effects or critical hazards.	
SureVector GFP Mamm Expression Tag (N-term)		No known significant effects or critical hazards.	
SureVector HA Mamm Expression Tag (N-term)		No known significant effects or critical hazards.	
SureVector c-Myc Mamm Expression Tag (N-term)		No known significant effects or critical hazards.	
SureVector HIS6 Mamm Expression Tag (N-term)		No known significant effects or critical hazards.	
SureVector SBP Mamm Expression Tag (N-term)		No known significant effects or critical hazards.	
SureVector Blasticidin Mamm Selectable Marker		No known significant effects or critical hazards.	
SureVector Hygromycin Mamm Selectable Marker		No known significant effects or critical hazards.	
SureVector Puromycin Mamm Selectable Marker		No known significant effects or critical hazards.	
SureVector LacZ Mamm Control (N-term)		No known significant effects or critical hazards.	
Mutagenicity		: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
		SureVector EF1 α Mamm Promoter	No known significant effects or critical hazards.
	SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.	
	SureVector FLAG [®] Mamm Expression Tag (N-term)	No known significant effects or critical hazards.	
	SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.	
	SureVector HA Mamm	No known significant effects or critical hazards.	

Section 11. Toxicological information

	Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector c-Myc Mamm	
	Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HIS6 Mamm	
	Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector SBP Mamm	
	Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector Blasticidin	
	Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin	
	Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Puromycin	
	Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Mamm	
	Control (N-term)	No known significant effects or critical hazards.
Teratogenicity	: SureVector CMV Mamm	No known significant effects or critical hazards.
	Promoter	
	SureVector EF1 α Mamm	No known significant effects or critical hazards.
	Promoter	
	SureVector SV40 Mamm	No known significant effects or critical hazards.
	Promoter	
	SureVector FLAG [®] Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector GFP Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector HA Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector c-Myc Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector HIS6 Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector SBP Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector Blasticidin	No known significant effects or critical hazards.
	Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin	No known significant effects or critical hazards.
	Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Puromycin	No known significant effects or critical hazards.
	Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Mamm	
	Control (N-term)	No known significant effects or critical hazards.
Developmental effects	: SureVector CMV Mamm	No known significant effects or critical hazards.
	Promoter	
	SureVector EF1 α Mamm	No known significant effects or critical hazards.
	Promoter	
	SureVector SV40 Mamm	No known significant effects or critical hazards.
	Promoter	
	SureVector FLAG [®] Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector GFP Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector HA Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector c-Myc Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector HIS6 Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector SBP Mamm	No known significant effects or critical hazards.
	Expression Tag (N-term)	
	SureVector Blasticidin	No known significant effects or critical hazards.
	Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin	No known significant effects or critical hazards.
	Mamm Selectable Marker	

Section 11. Toxicological information

	SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Mamm Control (N-term)	No known significant effects or critical hazards.
Fertility effects	: SureVector CMV Mamm Promoter	No known significant effects or critical hazards.
	SureVector EF1α Mamm Promoter	No known significant effects or critical hazards.
	SureVector SV40 Mamm Promoter	No known significant effects or critical hazards.
	SureVector FLAG® Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector GFP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HA Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector c-Myc Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector HIS6 Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector SBP Mamm Expression Tag (N-term)	No known significant effects or critical hazards.
	SureVector Blasticidin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Hygromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector Puromycin Mamm Selectable Marker	No known significant effects or critical hazards.
	SureVector LacZ Mamm Control (N-term)	No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Not available.

Section 12. Ecological information

Toxicity

Not available.

Persistence and degradability

Not available.

Bioaccumulative potential

Not available.

Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

Regulatory information

ADG / IMDG / IATA : Not regulated as Dangerous Goods according to the ADG Code .

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of Marpol and the IBC Code : Not available.

Section 15. Regulatory information

Standard Uniform Schedule of Medicine and Poisons

Not regulated.

Model Work Health and Safety Regulations - Scheduled Substances

No listed substance

Australia inventory (AICS) : All components are listed or exempted.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol (Annexes A, B, C, E)

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

International lists

National inventory

Canada : All components are listed or exempted.
China : All components are listed or exempted.
Europe : All components are listed or exempted.
Japan : **Japan inventory (ENCS):** All components are listed or exempted.
Japan inventory (ISHL): All components are listed or exempted.
Malaysia : Not determined.
New Zealand : All components are listed or exempted.

Section 15. Regulatory information

- Philippines** : All components are listed or exempted.
- Republic of Korea** : All components are listed or exempted.
- Taiwan** : All components are listed or exempted.
- Turkey** : Not determined.
- United States** : All components are listed or exempted.

Section 16. Any other relevant information

History

Date of issue/Date of revision : 21/04/2017

Date of previous issue : 20/10/2015.

Version : 2

Key to abbreviations

- ADG = Australian Dangerous Goods
- ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- IATA = International Air Transport Association
- IBC = Intermediate Bulk Container
- IMDG = International Maritime Dangerous Goods
- LogPow = logarithm of the octanol/water partition coefficient
- MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
- NOHSC = National Occupational Health and Safety Commission
- SUSMP = Standard Uniform Schedule of Medicine and Poisons
- UN = United Nations

Procedure used to derive the classification

Classification	Justification
Not classified.	

References : Not available.

Indicates information that has changed from previously issued version.

Notice to reader

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