

pLVX-rHom-Sec1

Catalog No(s).

635077 (Not sold separately).
Sold as part of 635076.

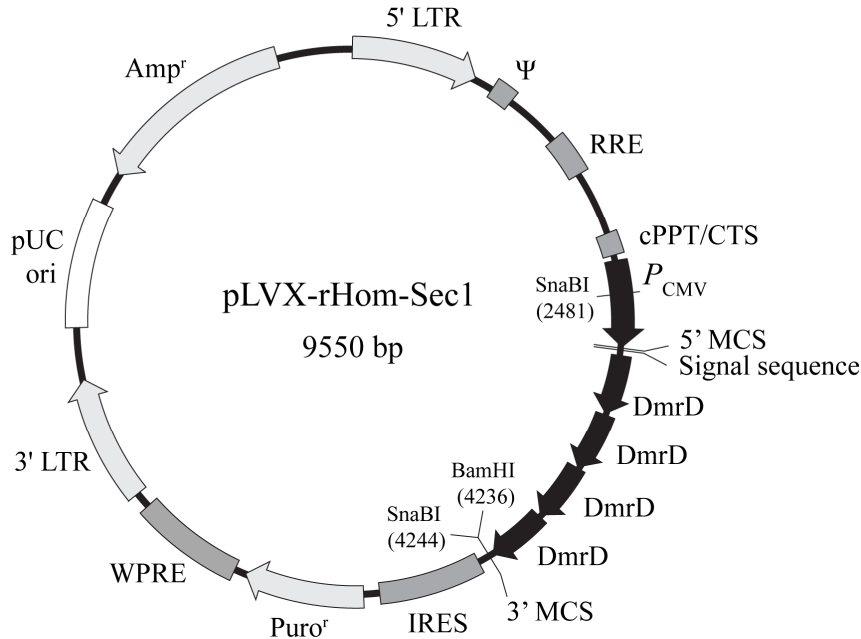
Amount

20 µl pLVX-rHom-Sec1 Vector (500 ng/µl)

Lot Number

Specified on product label.

pLVX-rHom-Sec1 Vector Information



5' MCS

EcoRI		XhoI		Secretory signal sequence											
2804	GAA	TTC	CTC	GAG	ACT	AGT	ATG	GCT	ACA	GGC	TCC	CGG	ACG	TCC	CTG
	CTT	AAG	GAG	CTC	TGA	TCA	TAC	CGA	TGT	CCG	AGG	GCC	TGC	AGG	GAC

N-terminus of DmrD (1) coding region

Sec. sig. seq.		XbaI													
2894	AGT	GCC	TCT	AGA	GGA	GTG	CAG	GTG	GAG	ACT	ATC	TCC	CCA	GGA	...
	TCA	CGG	AGA	TCT	CCT	CAC	GTC	CAC	CTC	TGA	TAG	AGG	GGT	CCT	...

C-terminus of DmrD (4) coding region

										NotI		BamHI			
4196	...	AAA	CTG	GAA	ACT	AGT	GCT	AGA	AAC	CCC	AGC	GGC	CGC	GGA	TCC
	...	TTT	GAC	CTT	TGA	TCA	CGA	TCT	TTG	GGG	TCG	CCG	GCG	CCT	AGG

3' MCS

pLVX-rHom-Sec1 vector map and multiple cloning site. To create a fusion of your protein of interest and the DmrD protein, clone your gene of interest in either the 5' or 3' MCS, in-frame with the DmrD coding sequence.

Clontech Laboratories, Inc.

A Takara Bio Company
1290 Terra Bella Avenue, Mountain View, CA 94043, USA
U.S. Technical Support: tech@clontech.com

United States/Canada 800.662.2566
Last update: 101211

Asia Pacific +1.650.919.7300

Europe +33.(0)1.3904.6880

Japan +81.(0)77.543.6116

Location of Features

- 5' LTR (5' long terminal repeat): 1–635
- ψ (packaging signal): 685–822
- RRE (Rev-response element): 1303–1536
- cPPT/CTS (central polypurine tract/central termination sequence): 2028–2151
- P_{CMV} (human cytomegalovirus promoter): 2185–2788
- 5'MCS (5' multiple cloning site): 2804–2815
- Signal sequence (secretory signal sequence): 2822–2899
- DmrD (DmrD fusion protein): 2903–3226, 3230–3553, 3557–3880, 3884–4207
- 3'MCS (3' multiple cloning site): 4227–4240
- IRES (Internal ribosome entry site): 4251–4826
- Puro^r (puromycin resistance gene; puromycin acetyltransferase): 4859–5458
- WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 5472–6063
- 3' LTR (3' long terminal repeat): 6267–6903
- pUC ori (pUC origin of replication): 7373–8043 (complementary)
- Amp^r (ampicillin resistance gene): 8188–9184 (complementary)

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This document has been reviewed and approved by the Clontech Quality Assurance Department.