

pLVX-Hom-1

Catalog No(s).

635073 (Not sold separately).
Sold as part of 635072.

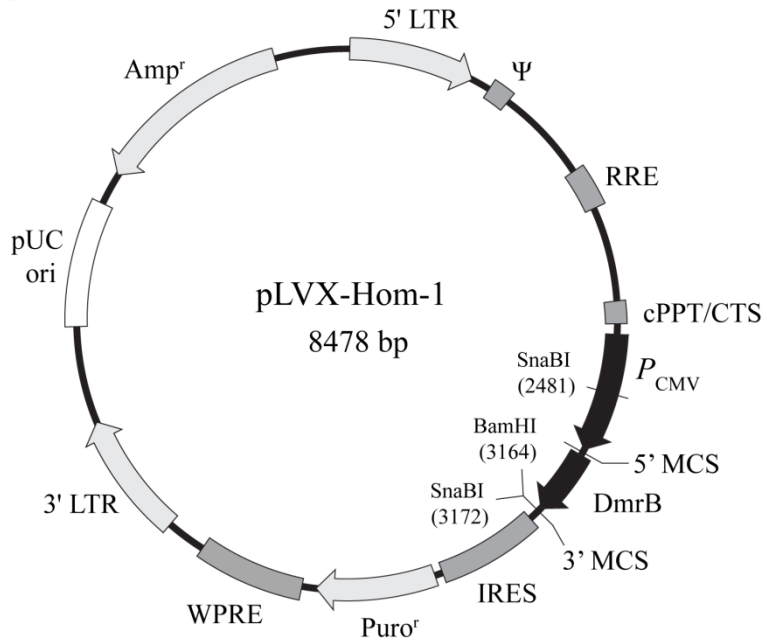
Amount

20 μ l pLVX-Hom-1 Vector (500 ng/ μ l)

Lot Number

Specified on product label.

pLVX-Hom-1 Vector Information



EcoRI		XhoI			SpeI		N-terminus of DmrB coding region							
2803	GAA	TTC	CTC	GAG	ACT	AGT	ATG	GCT	TCT	AGA	GGA	GTG	CAG	...
	CTT	AAG	GAG	CTC	TGA	TCA	TAC	CGA	AGA	TCT	CCT	CAC	GTC	...

5' MCS

C-terminus of DmrB coding region						NotI			BamHI					
3136	...	CTT	CTA	AAA	CTG	GAA	AGC	GGC	CGC	GGA	TCC	TAC	GTA	TGA
	...	GAA	GAT	TTT	GAC	CTT	TCG	CCG	GCG	CCT	AGG	ATG	CAT	ACT

3' MCS

pLVX-Hom-1 vector map and multiple cloning site. To create a fusion of your protein of interest and the DmrB protein, clone your gene of interest in either the 5' or 3' MCS, in-frame with the DmrB coding sequence.

Clontech Laboratories, Inc.

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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): 2185–2787
- 5'MCS (5' multiple cloning site): 2803–2820
- DmrB (DmrB fusion protein): 2821–3153
- 3'MCS (3' multiple cloning site): 3155–3168
- IRES (Internal ribosome entry site): 3179–3754
- Puro^r (puromycin resistance gene; puromycin acetyltransferase): 3787–4386
- WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 4400–4991
- 3' LTR (3' long terminal repeat): 5195–5831
- pUC ori (pUC origin of replication): 6301–6971 (complementary)
- Amp^r (ampicillin resistance gene): 7116–8112 (complementary)

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