

## pLVX-rHom-1

**Catalog No(s).**

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

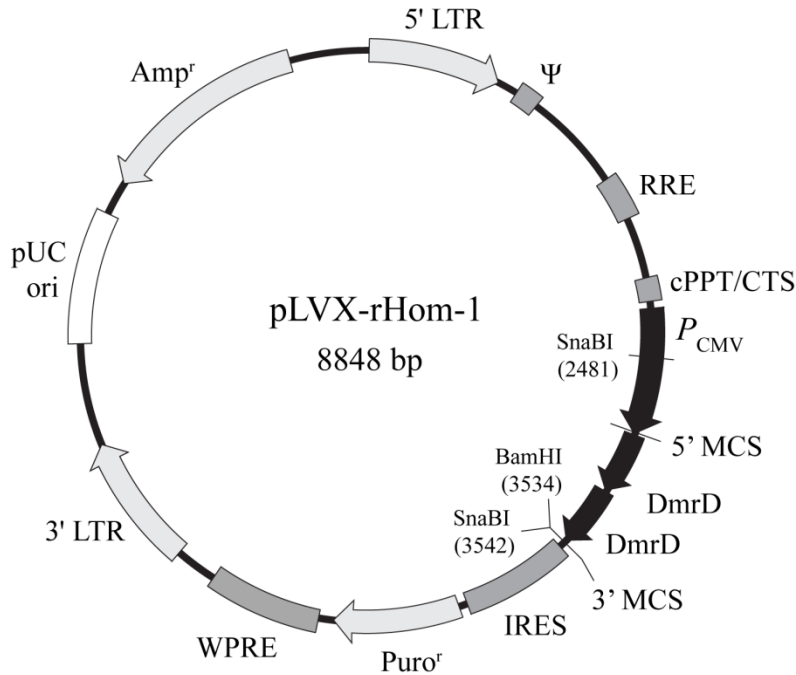
**Amount**

20 µl pLVX-rHom-1 Vector (500 ng/µl)

**Lot Number**

Specified on product label.

### pLVX-rHom-1 Vector Information



5' MCS														
	EcoRI		XhoI											
2804	GAA	TTC	CTC	GAG	ACT	AGT	ATG	CCA	GAA	GCC	GCC	ACC	ATG	GCT
	CTT	AAG	GAG	CTC	TGA	TCA	TAC	GGT	CTT	CGG	CGG	TGG	TAC	CGA
N-terminus of DmrD (1) coding region →														
	XbaI													
2846	TCT	AGA	GGA	GTG	CAG	GTG	GAG	ACT	ATC	TCC	CCA	GGA	GAC	...
	AGA	TCT	CCT	CAC	GTC	CAC	CTC	TGA	TAG	AGG	GGT	CCT	CTG	...
	*													
										NotI		BamHI		
3497	...	ACT	AGT	TAT	CCG	TAC	GAC	GTA	CCA	AGC	GGC	CGC	GGA	TCC
	...	TGA	TCA	ATA	GGC	ATG	CTG	CAT	GGT	TCG	CCG	GCG	CCT	AGG

(\*) C-terminus of DmrD (2) coding region

**pLVX-rHom-1 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.**

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## Location of Features

- 5' LTR (5' long terminal repeat): 1–635
- $\psi$  (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
- DmrD (DmrD fusion protein): 2849–3172, 3176–3499
- 3'MCS (3' multiple cloning site): 3525–3538
- IRES (Internal ribosome entry site): 3549–4124
- Puro<sup>r</sup> (puromycin resistance gene; puromycin acetyltransferase): 4157–4756
- WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 4770–5361
- 3' LTR (3' long terminal repeat): 5565–6201
- pUC ori (pUC origin of replication): 6671–7341 (complementary)
- Amp<sup>r</sup> (ampicillin resistance gene): 7486–8482 (complementary)

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