

## pLVX-Hom-Nuc1

### Catalog No(s).

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

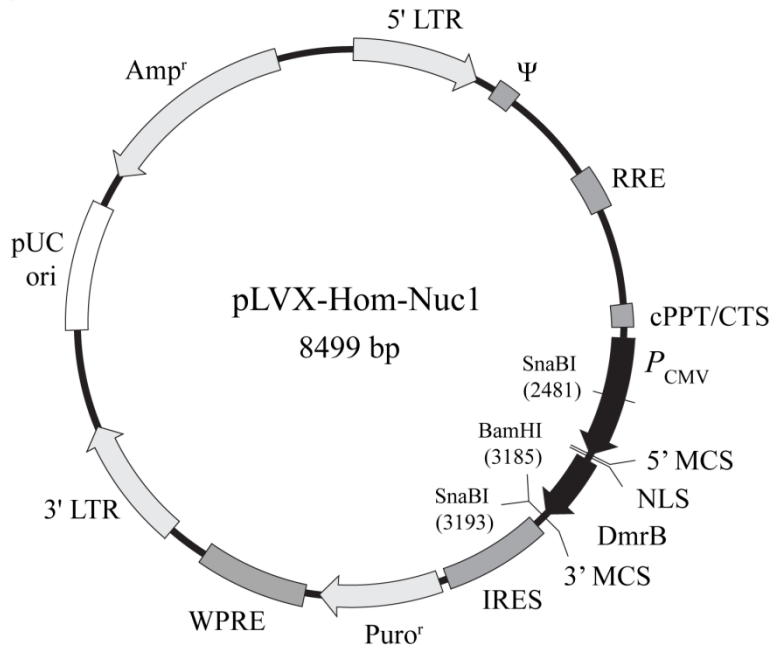
### Amount

20  $\mu$ l pLVX-Hom-Nuc1 Vector (500 ng/ $\mu$ l)

### Lot Number

Specified on product label.

### pLVX-Hom-Nuc1 Vector Information



5' MCS													
<table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">EcoRI</td> <td style="text-align: center;">XhoI</td> <td style="text-align: center;">SpeI</td> <td></td> </tr> <tr> <td>GAA TTC</td> <td>CTC GAG</td> <td>ACT AGT</td> <td>ATG CCT AAG AAG AAG AGA AAG GTG GCT</td> </tr> <tr> <td>CTT AAG</td> <td>GAG CTC</td> <td>TGA TCA</td> <td>TAC GGA TTC TTC TTC TCT TTC CAC CGA</td> </tr> </table>	EcoRI	XhoI	SpeI		GAA TTC	CTC GAG	ACT AGT	ATG CCT AAG AAG AAG AGA AAG GTG GCT	CTT AAG	GAG CTC	TGA TCA	TAC GGA TTC TTC TTC TCT TTC CAC CGA	
EcoRI	XhoI	SpeI											
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3' MCS													

**pLVX-Hom-Nuc1 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
- $\psi$  (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): 2185–2787
- 5'MCS (5' multiple cloning site): 2803–2820
- NLS (nuclear localization signal): 2821–2850
- DmrB (DmrB fusion protein): 2854–3174
- 3'MCS (3' multiple cloning site): 3176–3189
- IRES (Internal ribosome entry site): 3200–3775
- Puro<sup>r</sup> (puromycin resistance gene; puromycin acetyltransferase): 3808–4407
- WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 4421–5012
- 3' LTR (3' long terminal repeat): 5216–5852
- pUC ori (pUC origin of replication): 6322–6992 (complementary)
- Amp<sup>r</sup> (ampicillin resistance gene): 7137–8133 (complementary)

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