

## pLVX-EF1 $\alpha$ -AcGFP1-C1

**Catalog No(s).**  
631984

**Amount**  
20  $\mu$ l pLVX-EF1 $\alpha$ -AcGFP1-C1 vector (500 ng/ $\mu$ l)

**Lot Number**  
Specified on product label.

### pLVX-EF1 $\alpha$ -AcGFP1-C1 Vector Information

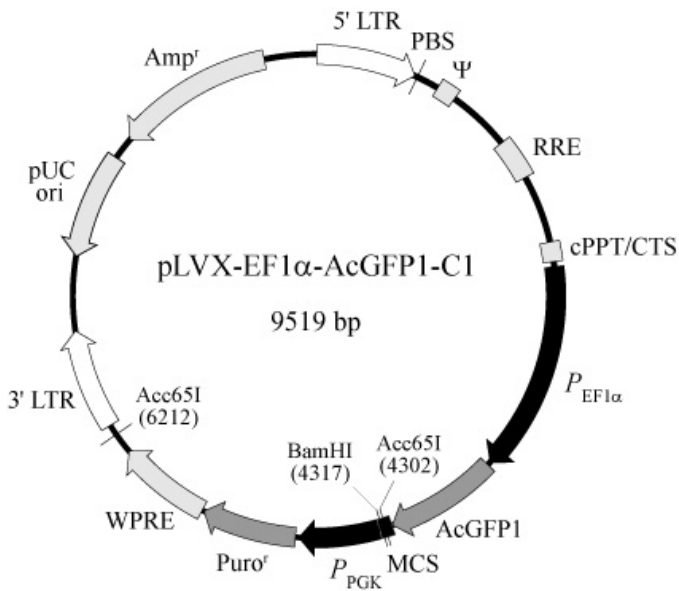


Figure 1. pLVX-EF1 $\alpha$ -AcGFP1-C1 vector map.

```

      End of AcGFP1                               BstBI
4247  CTG TAC AAG TCC GGA CTC AGA TCT CGA GCT CAA GCT TCG AAT TCT GCA
                                     BamHI
                                     XmaI
                                     SmaI
4295  GTC GAC GGT ACC GCG GGC CCG GGA TCC ACC GGA TCT AGA TAA CTG ATC
      Stop   Stop   Stop
    
```

Figure 2. pLVX-EF1 $\alpha$ -AcGFP1-C1 multiple cloning site.

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Late update: July 12, 2011

## Location of Features

- 5' LTR (5' long terminal repeat): 1–635
- PBS (primer binding site): 636–653
- $\Psi$  (packaging signal): 685–822
- RRE (Rev-response element): 1303–1536
- cPPT/CTS (central polypurine tract/central termination sequence): 2028–2151
- $P_{EF1\alpha}$  (human elongation factor 1 alpha promoter): 2186–3519
- AcGFP1 (human-codon-optimized): 3539–4255
- MCS (multiple cloning site): 4282–4321
- $P_{PGK}$  (phosphoglycerate kinase promoter): 4345–4853
- Puro<sup>r</sup> (puromycin resistance gene): 4874–5473
- WPRE (woodchuck hepatitis virus posttranscriptional regulatory element): 5487–6078
- 3' LTR (3' long terminal repeat): 6281–6917
- pUC origin of replication: 7387–8060 (complementary)
- Amp<sup>r</sup> (ampicillin resistance gene;  $\beta$ -lactamase): 8205–9201 (complementary)

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