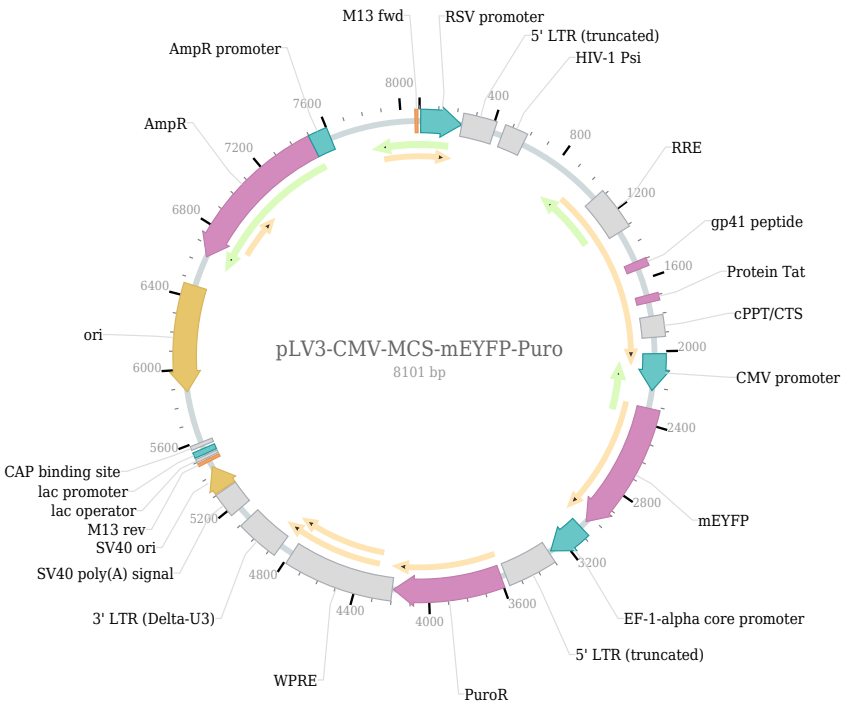
pLV3-CMV-MCS-mEYFP-Puro

Vector ID	V017741
Antibiotic Resistance	Ampicillin
Length	8101 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	CMV
5' Primer	CMV-F
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pLV3-CMV-MCS-mEYFP-Puro is a pLV3 lentiviral vector in which the CMV promoter drives genes cloned into the MCS as C-terminal fusions to monomeric EYFP, suited to FRET and YFP-based fluorescence assays. Puromycin resistance enables stable line generation; the AmpR backbone is propagated in Stbl3 and packaged with third-generation helpers.

Vector Map



Plasmid Resuspension Protocol

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000×g.
5. Store the plasmid at -20 ℃.