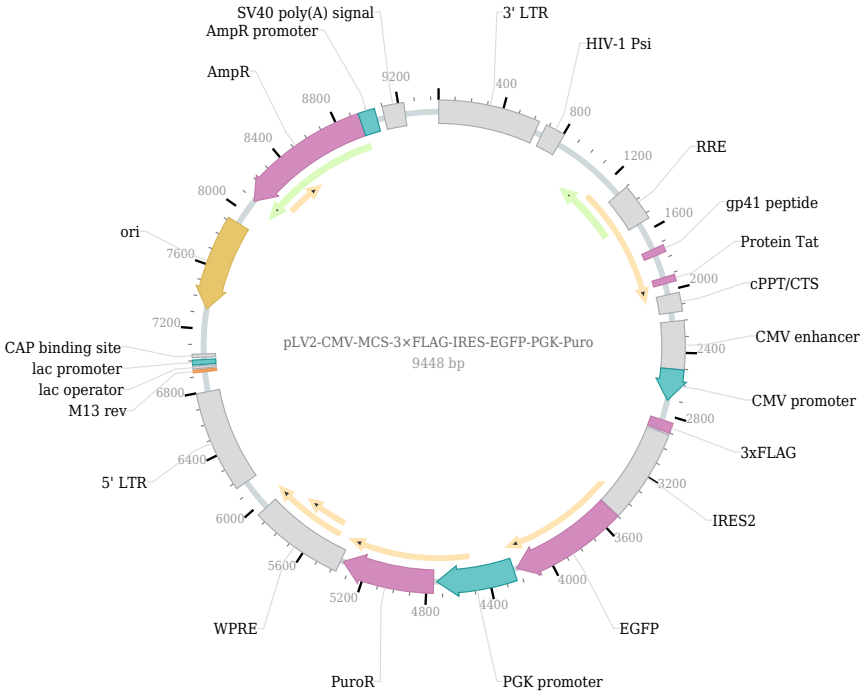
pLV2-CMV-MCS-3×FLAG-IRES-EGFP-PGK-Puro

Vector ID	V014257
Antibiotic Resistance	Ampicillin
Length	9448 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	mPGK
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pLV2-CMV-MCS-3xFLAG-IRES-EGFP-PGK-Puro is a pLV2 lentiviral overexpression vector: the CMV promoter drives genes cloned into the MCS as C-terminal 3xFLAG fusions, with an EMCV IRES linking EGFP, and a separate PGK promoter conferring puromycin resistance for stable selection. AmpR; Stbl3 propagation with standard packaging plasmids.

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 ℃.