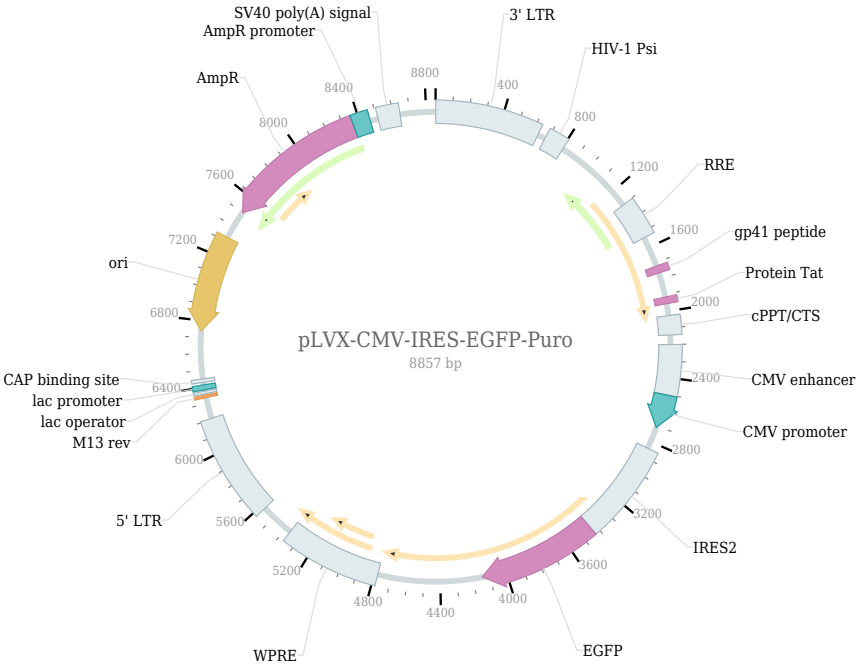
pLVX-CMV-IRES-EGFP-Puro

Vector ID	V013315
Antibiotic Resistance	Ampicillin
Length	8857 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	CMV
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pLVX-CMV-IRES-EGFP-Puro is a Lenti-X self-inactivating lentiviral vector in which the CMV promoter drives the gene of interest upstream of an EMCV IRES-linked EGFP for bicistronic co-expression. Puromycin resistance supports stable line generation; AmpR, Stbl3 propagation with Lenti-X or third-generation packaging mixtures in HEK293T cells.

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 ℃.