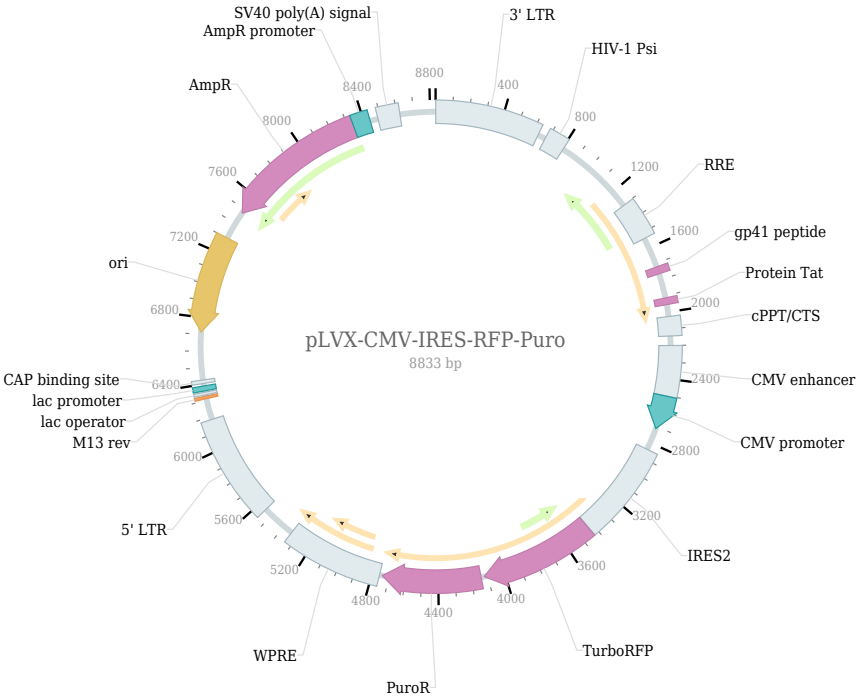
pLVX-CMV-IRES-RFP-Puro

Vector ID	V013328
Antibiotic Resistance	Ampicillin
Length	8833 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	CMV
Growth Strain(s)	Top10
Growth Temperature	37℃
Comment	pLVX-CMV-IRES-RFP-Puro is a Lenti-X SIN lentiviral vector in which the CMV promoter drives the gene of interest with an EMCV IRES-linked red fluorescent protein for bicistronic co-expression, plus puromycin resistance for stable selection of transduced cells. Ampicillin-resistant Stbl3 backbone for packaging 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 ℃.