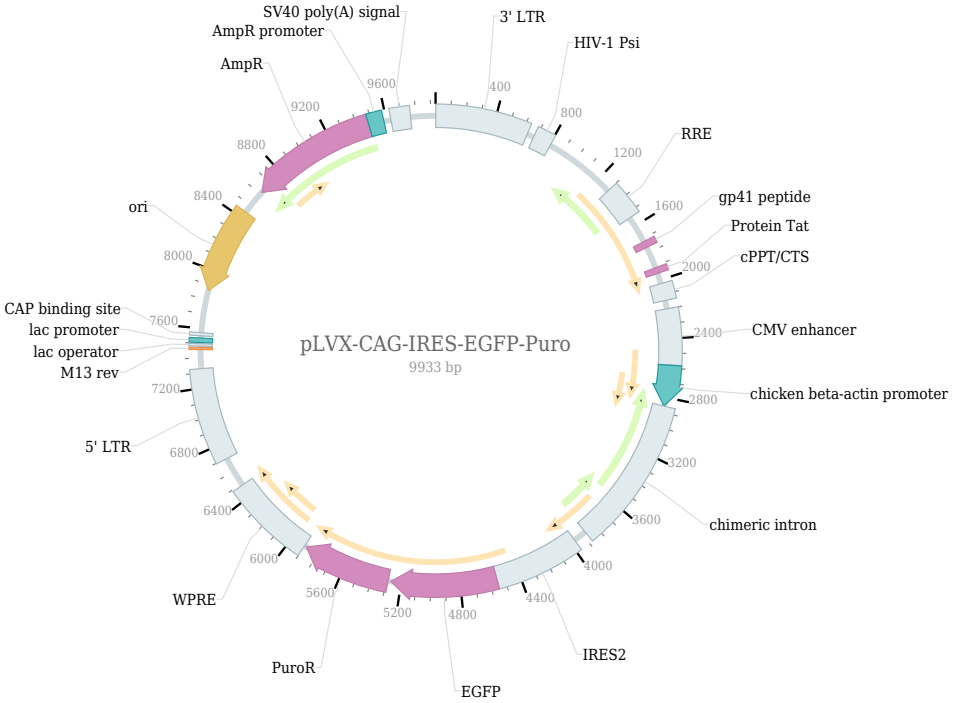
pLVX-CAG-IRES-EGFP-Puro

Vector ID	V013504
Antibiotic Resistance	Ampicillin
Length	9933 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	CAG
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pLVX-CAG-IRES-EGFP-Puro is a Lenti-X SIN lentiviral vector in which the strong synthetic CAG promoter drives the gene of interest upstream of an EMCV IRES-linked EGFP, supporting robust bicistronic expression even in difficult-to-transfect and primary cells. Puromycin resistance enables stable selection; AmpR backbone with Stbl3 propagation.

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 ℃.