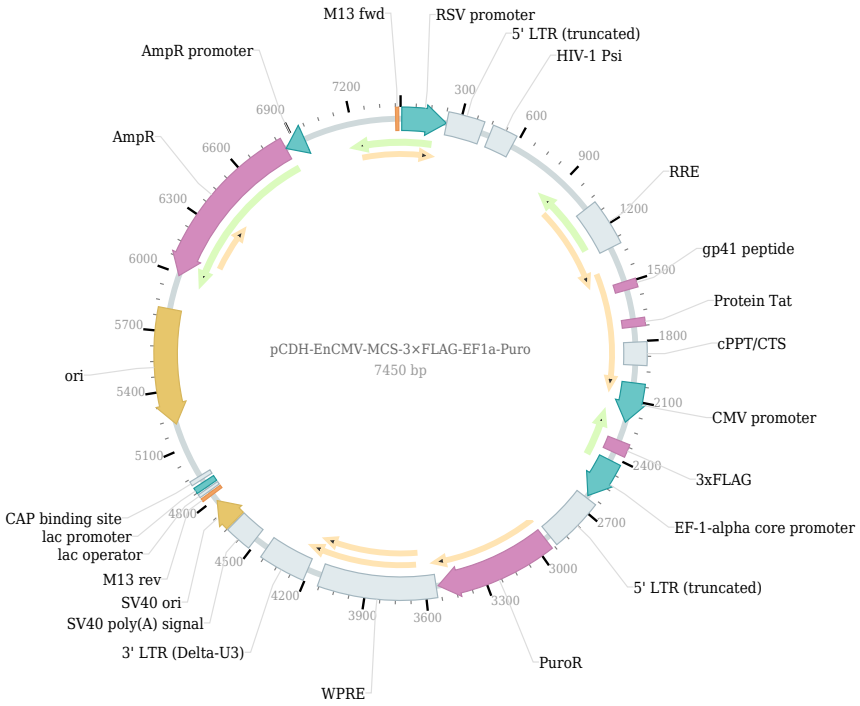
pCDH-EnCMV-MCS-3×FLAG-EF1a-Puro

Vector ID	V013936
Antibiotic Resistance	Ampicillin
Length	7450 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	EF-1α core
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pCDH-EnCMV-MCS-3×FLAG-EF1a-Puro is a lentiviral vector for dual-promoter expression. It features an RSV promoter driving the 5'LTR, followed by HIV-1Ψ, RRE, cPPT/CTS, and a CMV promoter for transgene expression with a 3×FLAG tag. An EF-1-alpha core promoter drives puromycin resistance (PuroR) for selection. The vector also includes WPRE, 3'ΔU3 LTR, AmpR, SV40 ori/poly(A), and M13 sites.

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 ℃.