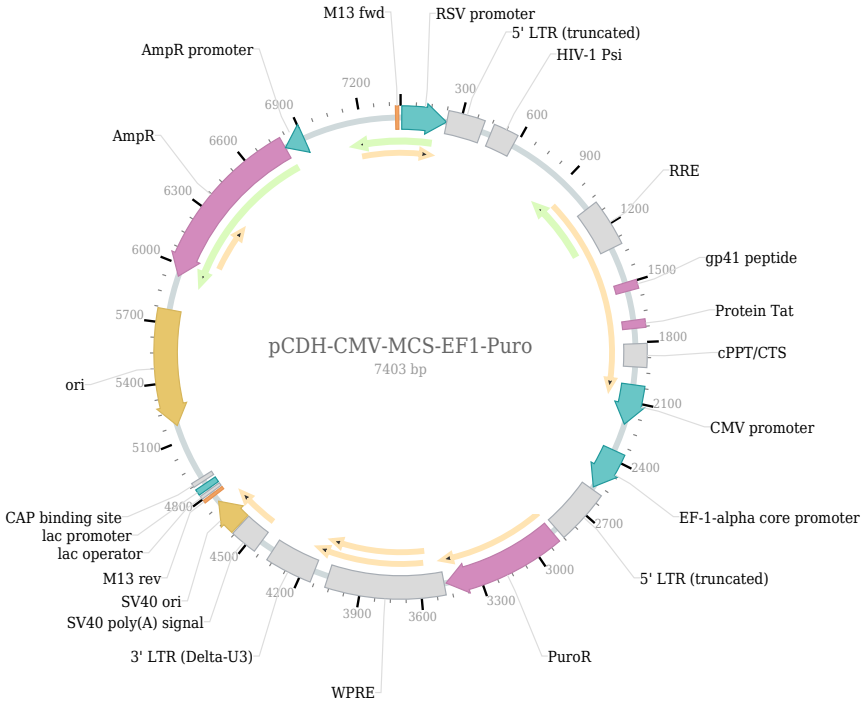
pCDH-CMV-MCS-EF1-Puro

Vector ID	V006738
Antibiotic Resistance	Ampicillin
Length	7403 bp
Vector Type	Lentiviral vectors

Product Information

Replication Origin	ori
Selection Marker	Puromycin
Promoter	RSV
Cloning Method	Enzyme digestion and ligation
5' Primer	CMV-F: CGC AAA TGG GCG GTA GGC GTG
Growth Strain(s)	stbl3
Comment	The pCDH-CMV-MCS-EF1-Puro is a lentiviral expression plasmid. It includes a CMV promoter for high-level expression of a gene cloned into its multiple cloning site (MCS) and an EF1 promoter for a puromycin resistance gene, enabling stable cell line generation

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 ℃.