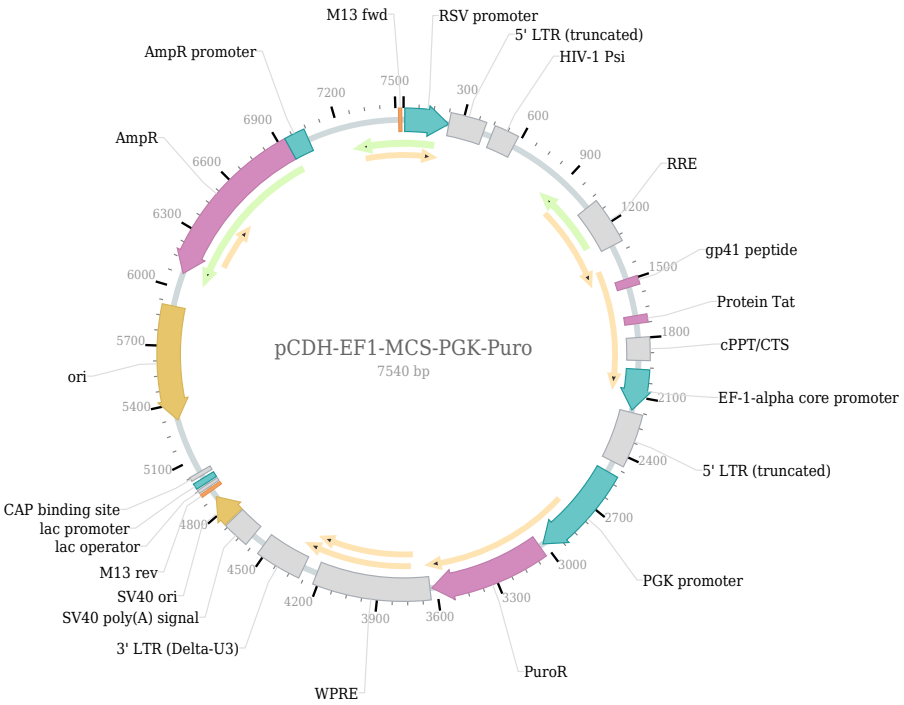
pCDH-EF1-MCS-PGK-Puro

Vector ID	V013312
Accession ID	pCDH-EF1a-MCS-PGK-Puro
Antibiotic Resistance	Ampicillin
Length	7540 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	mPGK
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pCDH-EF1-MCS-PGK-Puro enables stable expression of the target gene driven by the EF1 promoter, with the PGK promoter regulating puromycin resistance screening. This facilitates stable cell line construction and gene function studies.

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 ℃.