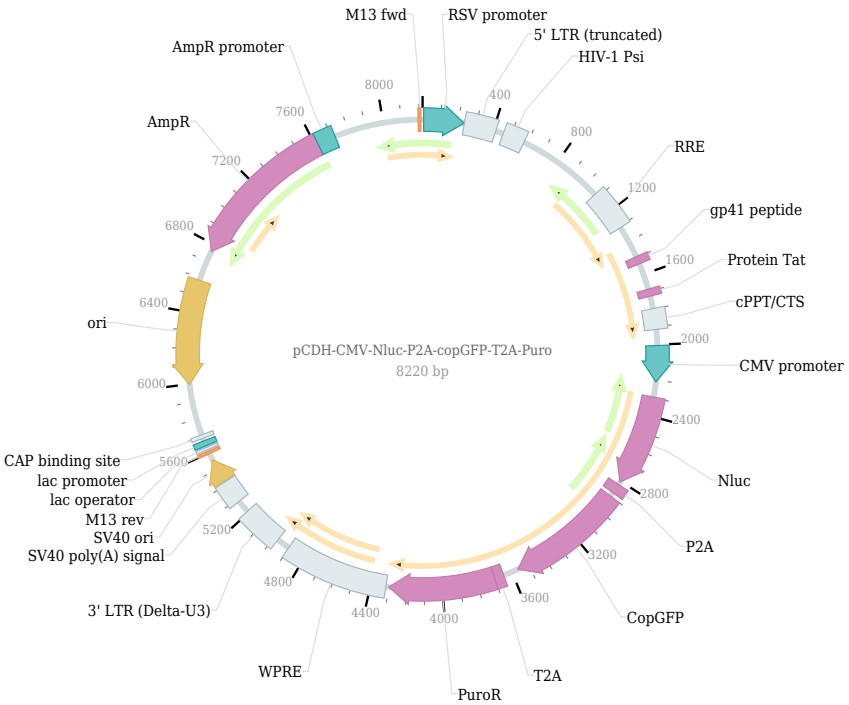
pCDH-CMV-Nluc-P2A-copGFP-T2A-Puro

Vector ID	V013054
Antibiotic Resistance	Ampicillin
Length	8220 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	RSV
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pCDH-CMV-Nluc-P2A-copGFP-T2A-Puro is a lentiviral mammalian vector; CMV drives NanoLuc plus copGFP via P2A and puromycin via T2A, enabling dual bioluminescence/fluorescence reporting, transductant tracking, and puromycin-selected stable cell lines.

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 ℃.