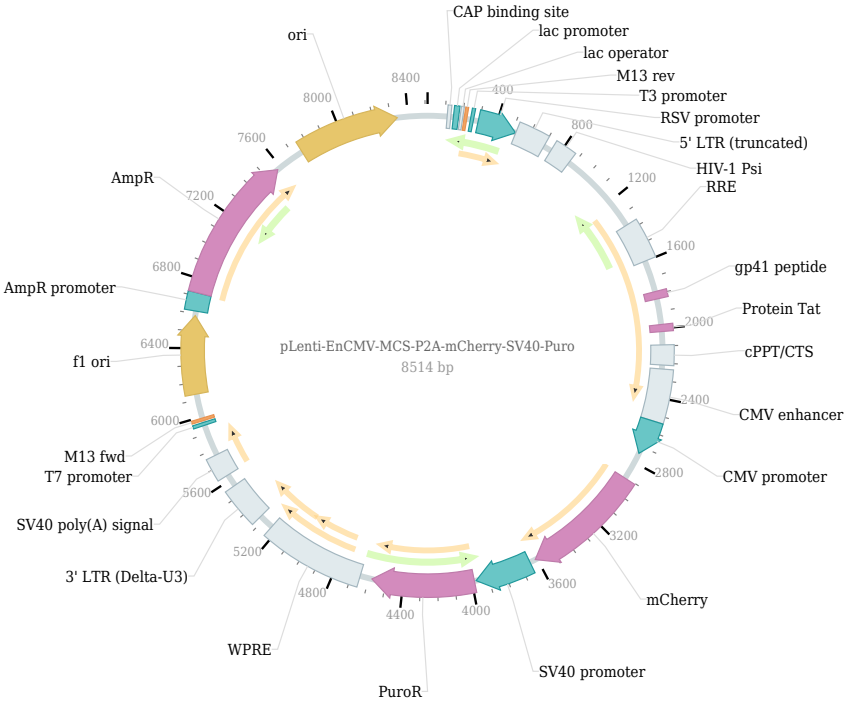
pLenti-EnCMV-MCS-P2A-mCherry-SV40-Puro

Vector ID	V013876
Antibiotic Resistance	Ampicillin
Length	8514 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	pLenti-EnCMV-MCS-P2A-mCherry-SV40-Puro is a lentiviral expression vector for mammalian cells. It uses the CMV promoter to drive gene expression from a multiple cloning site (MCS), followed by a P2A "self-cleaving" peptide and the mCherry red fluorescent reporter. It also contains an SV40 promoter-driven puromycin resistance gene for selecting 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 ℃.