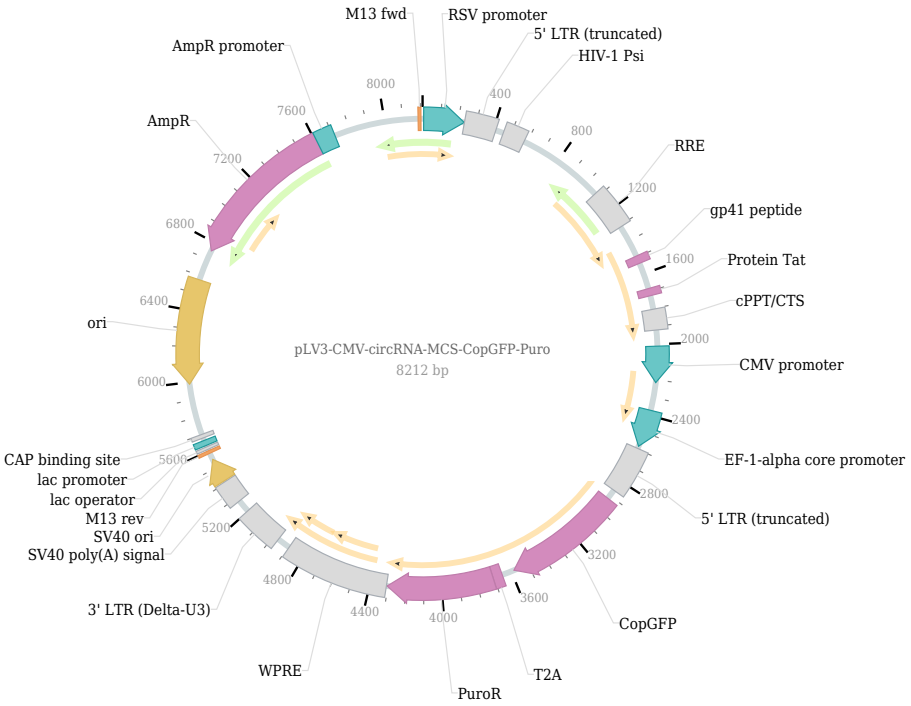
pLV3-CMV-circRNA-MCS-CopGFP-Puro

Vector ID	V014577
Antibiotic Resistance	Ampicillin
Length	8212 bp
Vector Type	Gene 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	pLV3-CMV-circRNA-MCS-CopGFP-Puro is a pLV3 lentiviral vector for circular RNA overexpression: exonic sequences cloned into the MCS are back-spliced into circRNAs driven by the CMV promoter (typically via flanking complementary intronic sequences), enabling gain-of-function studies of circRNA function. CopGFP reporter and puromycin resistance; AmpR, Stbl3.

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 ℃.