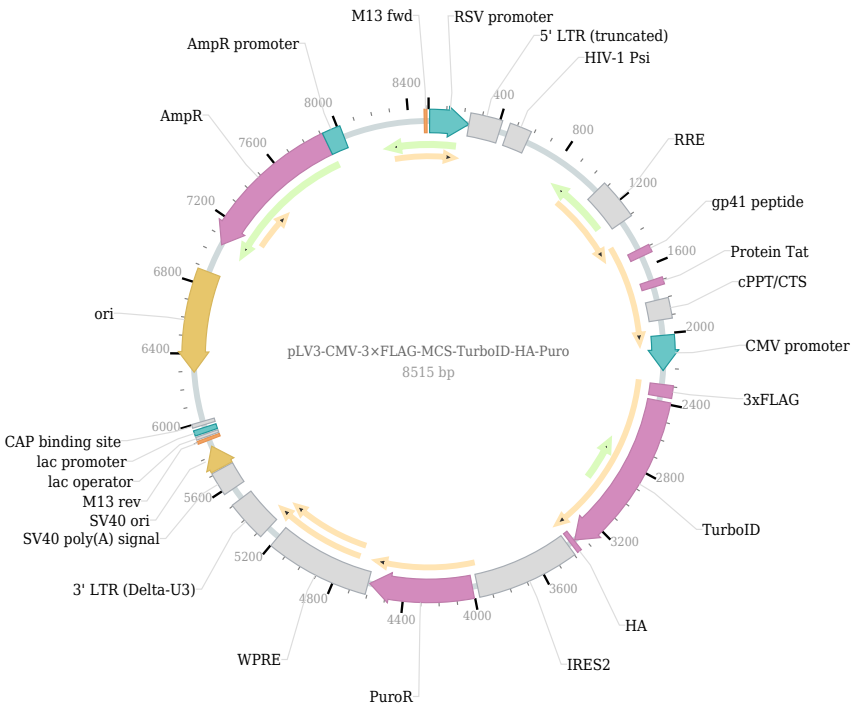
pLV3-CMV-3×FLAG-MCS-TurboID-HA-Puro

Vector ID	V014926
Antibiotic Resistance	Ampicillin
Length	8515 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	RSV
5' Primer	CMV-F
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pLV3-CMV-3xFLAG-MCS-TurboID-HA-Puro is a pLV3 lentiviral vector for TurboID proximity biotinylation: the CMV promoter expresses proteins cloned into the MCS as fusions flanked by N-terminal 3xFLAG and C-terminal TurboID-HA, enabling rapid (minutes-scale) biotin labeling of proximal proteins for proteome mapping. Puromycin resistance; AmpR, Stbl3 propagation.

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 ℃.