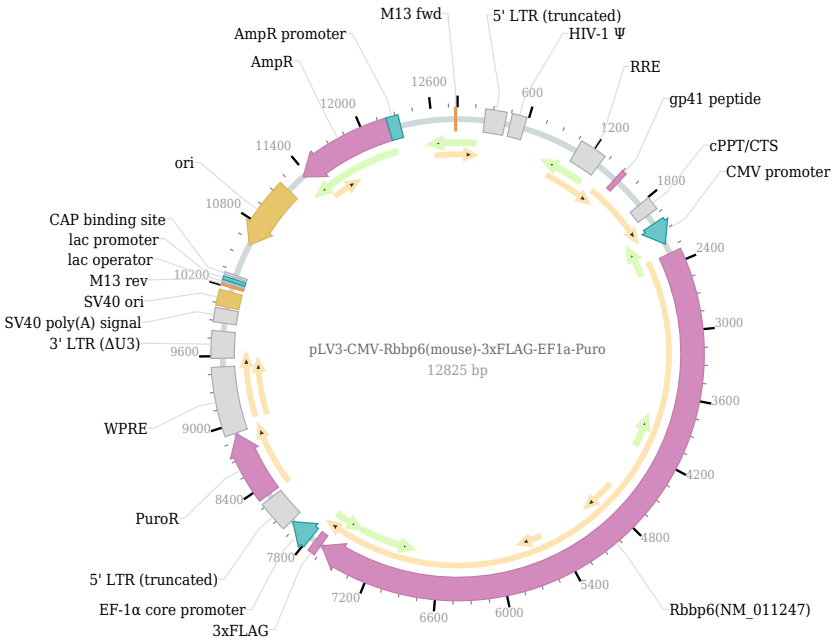
pLV3-CMV-Rbbp6(mouse)-3xFLAG-EF1a-Puro

Vector ID	V039991
Accession ID	NM_011247.3
Antibiotic Resistance	Ampicillin
Length	12825 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Copy Number	High
Promoter	CMV
5' Primer	CMV-F
Fusion Tag	3xFLAG
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Expression Method	Constiutive, Stable / Transient
Comment	It is designed for constitutive expression of the mouse Rbbp6 gene fused with a 3xFLAG tag, driven by the CMV promoter. The vector utilizes an EF-1α core promoter to drive the PuroR selection marker. It also contains essential HIV-1 derived elements, including the RRE for enhanced viral RNA stability and the cPPT/CTS for efficient nuclear import.

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 ℃.