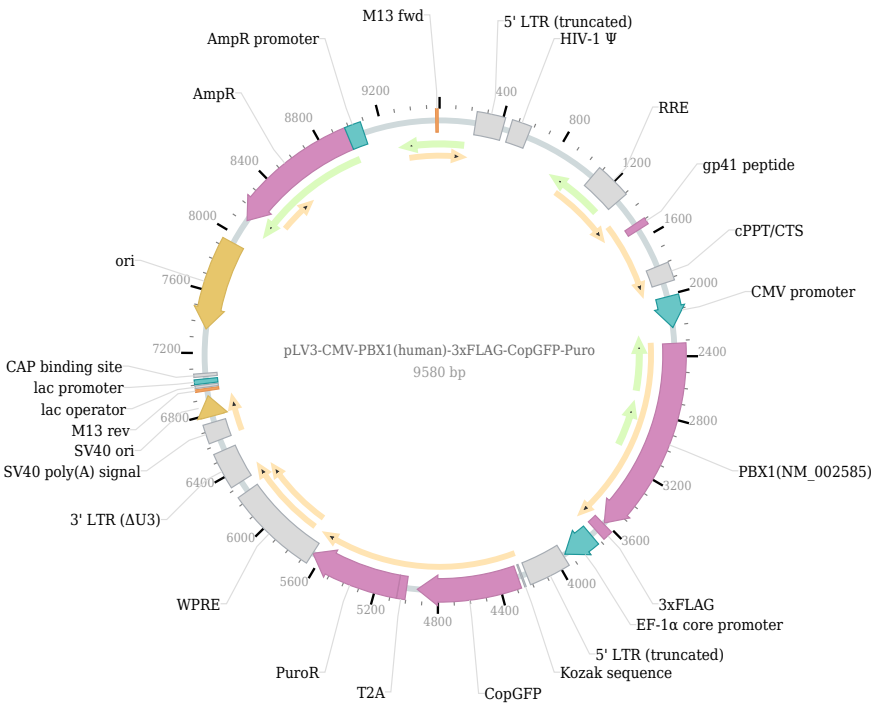
pLV3-CMV-PBX1(human)-3xFLAG-CopGFP-Puro

Vector ID	V035473
Accession ID	NM_002585.4
Antibiotic Resistance	Ampicillin
Length	9580 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro;CopGFP
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 human PBX1 gene with a 3xFLAG tag and CopGFP, driven by the CMV promoter. The vector utilizes an EF-1α core promoter for the PuroR selection marker and contains WPRE. It also features LTRs, RRE, ori, and AmpR for viral packaging and bacterial handling.

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 ℃.