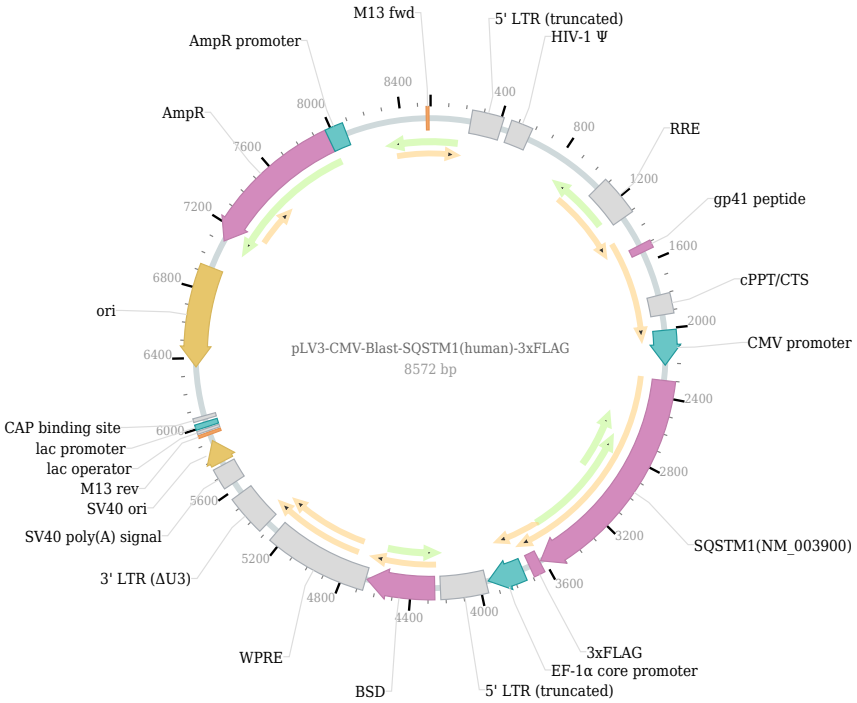
pLV3-CMV-Blast-SQSTM1(human)-3xFLAG

Vector ID	V028454
Accession ID	NM_003900.5
Antibiotic Resistance	Ampicillin
Length	8572 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Blast
Promoter	CMV
Fusion Tag	3xFLAG
Growth Strain(s)	Stbl3
Expression Method	Constiutive, Stable / Transient
Comment	pLV3-CMV-Blast-SQSTM1(human)-3xFLAG drives expression of human SQSTM1, an autophagy receptor and scaffold for ubiquitin clearance, with a 3xFLAG tag. This 8572 bp lentiviral vector uses a CMV promoter and EF-1α core promoter for BSD selection. It includes WPRE and viral elements (LTRs, HIV-1 Ψ, RRE, cPPT/CTS) for packaging, plus AmpR and ori for bacteria.

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 ℃.