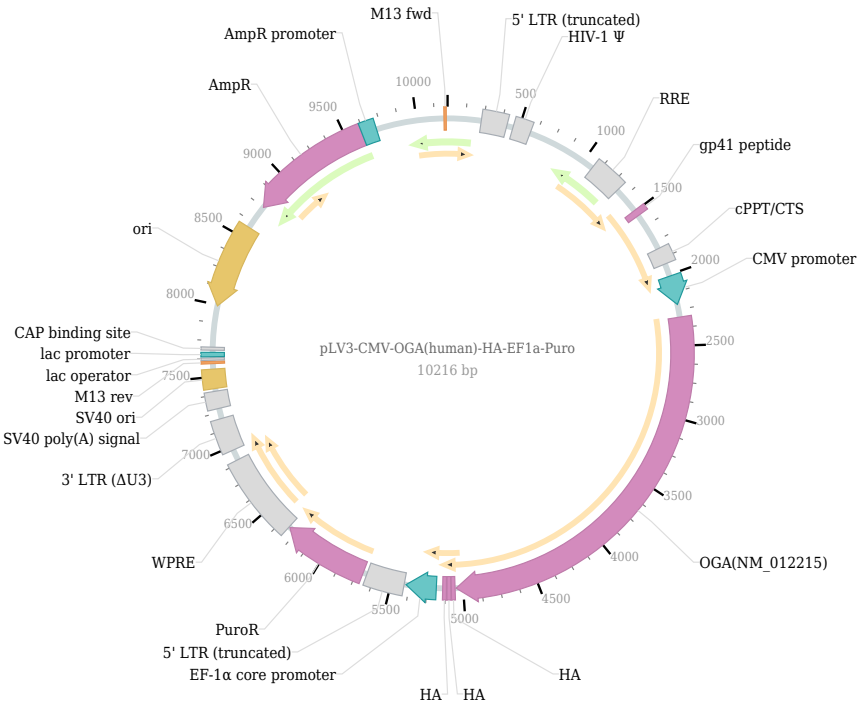
pLV3-CMV-OGA(human)-HA-EF1a-Puro

Vector ID	V028584
Accession ID	NM_012215.5
Antibiotic Resistance	Ampicillin
Length	10216 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	CMV
Fusion Tag	HA
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Expression Method	Constiutive, Stable / Transient
Comment	It is designed for constitutive expression of the human OGA gene with an HA tag, driven by the CMV promoter. The vector utilizes an EF-1α promoter to drive the PuroR selection marker and contains a WPRE element. It also includes essential HIV-1 derived elements such as truncated LTRs, HIV-1 Ψ, RRE, and cPPT/CTS for efficient viral packaging and 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 ℃.