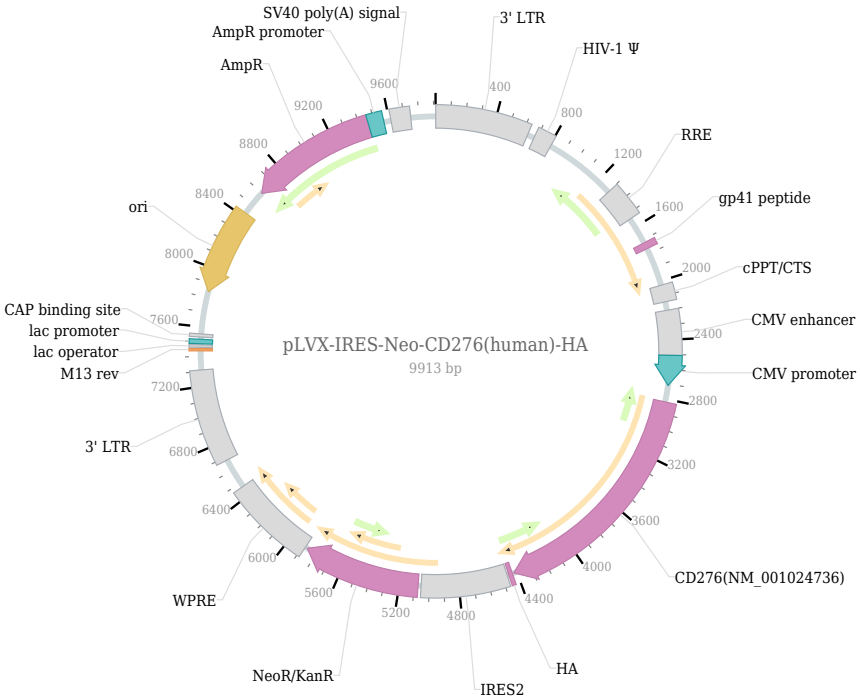
pLVX-IRES-Neo-CD276(human)-HA

Vector ID	V026072
Accession ID	NM_001024736.2
Antibiotic Resistance	Ampicillin
Length	9913 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
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 CD276 gene with an HA tag, driven by the CMV promoter. The vector utilizes an IRES sequence to enable bicistronic expression of the NeoR 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 ℃.