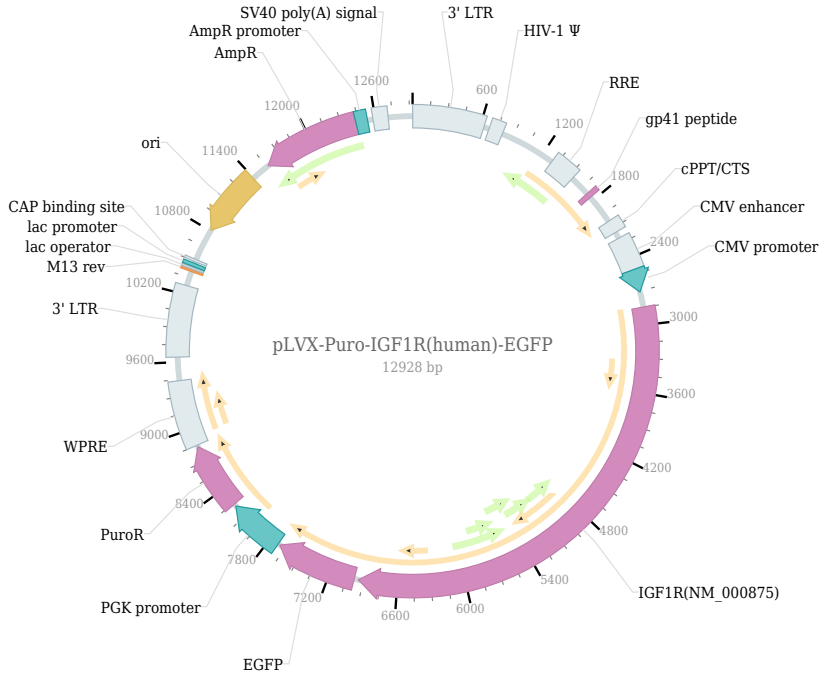
pLVX-Puro-IGF1R(human)-EGFP

Vector ID	V025917
Accession ID	NM_000875.5
Antibiotic Resistance	Ampicillin
Length	12928 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro;EGFP
Promoter	CMV
Fusion Tag	EGFP
Growth Strain(s)	Stbl3
Expression Method	Constiutive, Stable / Transient
Comment	pLVX-Puro-IGF1R(human)-EGFP is designed for constitutive expression of the human IGF1R gene fused with EGFP, driven by the CMV promoter. The vector utilizes a PGK 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 ℃.