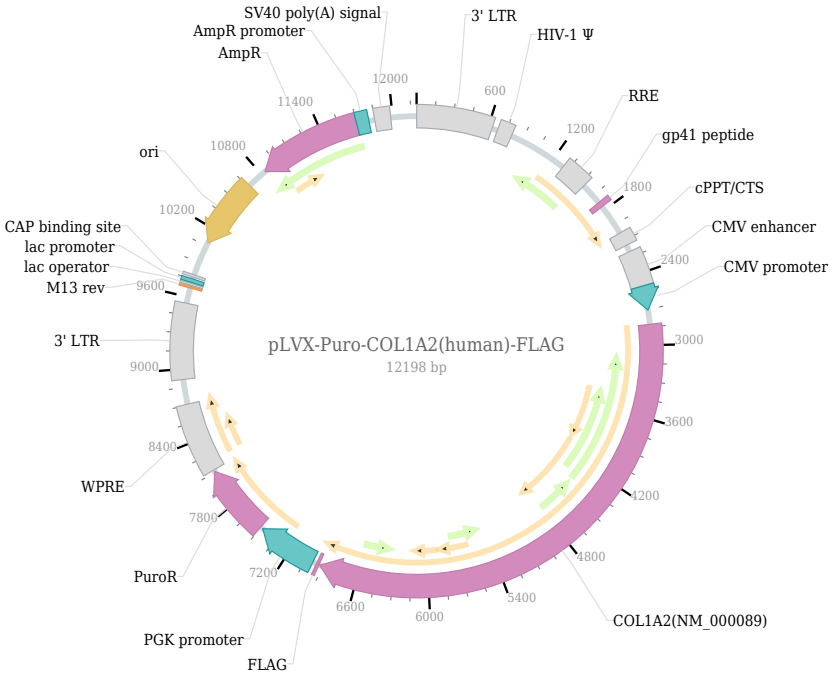
pLVX-Puro-COL1A2(human)-FLAG

Vector ID	V019927
Accession ID	NM_000089.4
Antibiotic Resistance	Ampicillin
Length	12198 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	CMV
Fusion Tag	FLAG
Growth Strain(s)	Stbl3
Expression Method	Constiutive, Stable / Transient
Comment	pLVX-Puro-COL1A2(human)-FLAG drives expression of human COL1A2, a major structural component of the extracellular matrix, with a FLAG tag. This lentiviral vector uses a CMV promoter for expression and a PGK promoter for PuroR 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 ℃.