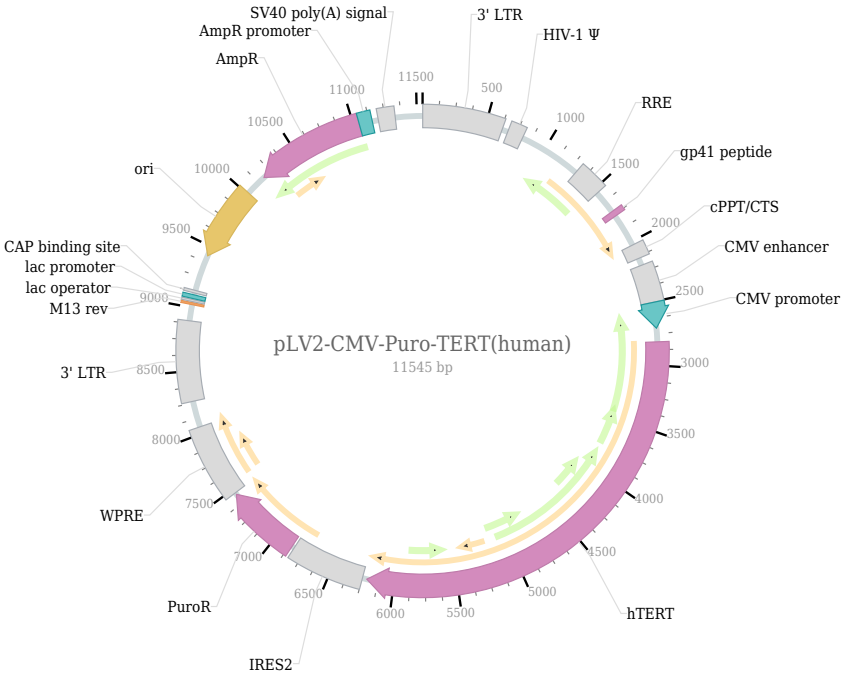
pLV2-CMV-Puro-TERT(human)

Vector ID	V022198
Accession ID	NM_198253.3
Antibiotic Resistance	Ampicillin
Length	11545 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	CMV
Growth Strain(s)	Stbl3
Expression Method	Constiutive, Stable / Transient
Comment	It is designed for constitutive expression of the human TERT gene driven by the CMV promoter, with the PuroR selection marker expressed via IRES2. The vector contains WPRE for enhanced expression and features 3' LTRs, HIV-1 Ψ, RRE, cPPT/CTS for viral packaging. It also includes AmpR and ori for bacterial propagation.

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 ℃.