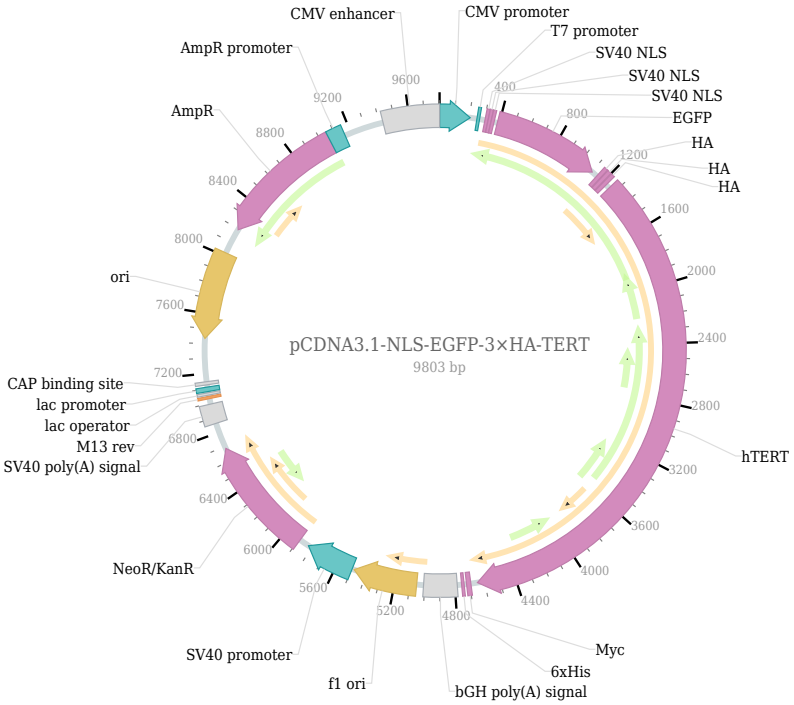
pCDNA3.1-NLS-EGFP-3×HA-TERT

Vector ID	V015140
Antibiotic Resistance	Ampicillin
Length	9803 bp
Vector Type	Immortalization, Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	SV40
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	It is designed for constitutive expression of the human TERT gene, featuring an NLS and a 3xHA tag, driven by the CMV promoter. The vector includes an EGFP reporter under the T7 promoter. It utilizes a PGK promoter to drive the NeoR/KanR selection marker and contains a bGH poly(A) signal, making it ideal for stable transfection and protein visualization studies.

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 ℃.