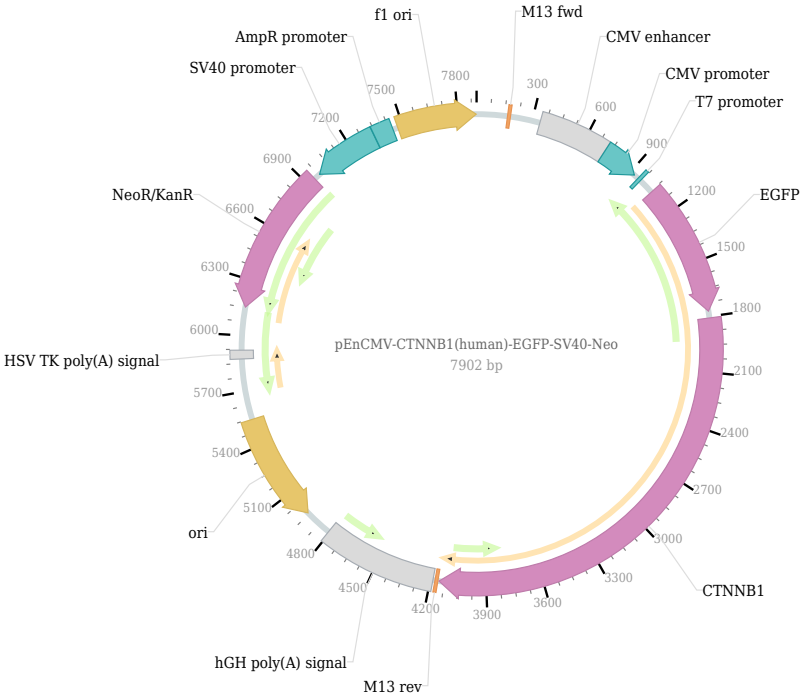
pEnCMV-CTNNB1(human)-EGFP-SV40-Neo

Vector ID	V024786
Accession ID	NM_001904.4
Antibiotic Resistance	Kanamycin
Length	7902 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418;EGFP
Promoter	CMV
Fusion Tag	EGFP
Growth Strain(s)	DH10B
Expression Method	Transient
Comment	This is a 7902 bp expression vector, pEnCMV-CTNNB1(human)-EGFP-SV40-Neo. It is designed for constitutive expression of the human CTNNB1 gene fused with EGFP, driven by the CMV promoter. The vector contains an hGH poly(A) signal and utilizes an SV40 promoter to drive the NeoR/KanR selection marker. It also features an f1 ori, ori, and AmpR for bacterial replication and selection.

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 ℃.