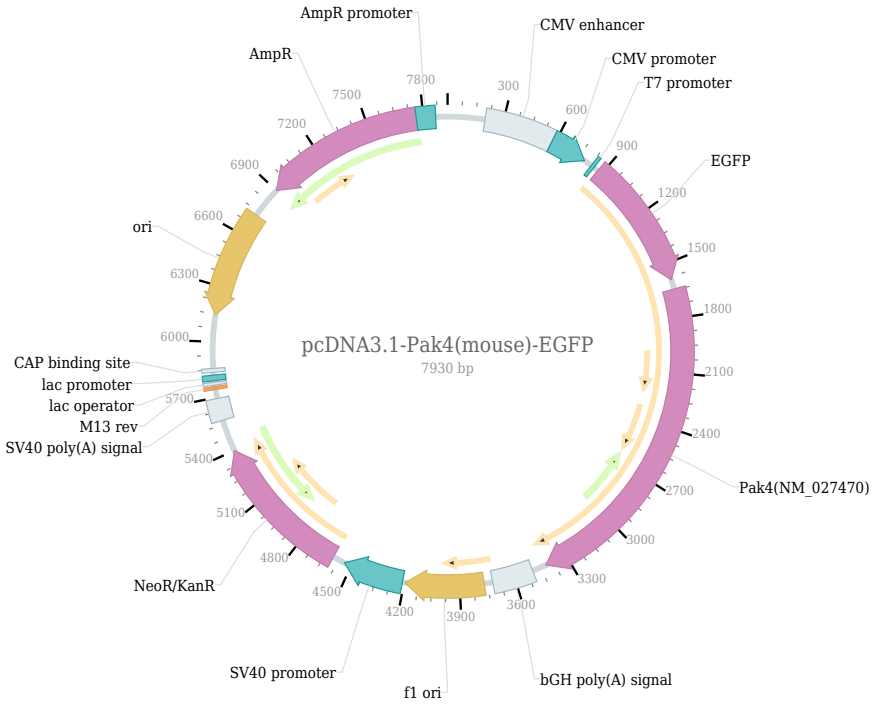
pcDNA3.1-Pak4(mouse)-EGFP

Vector ID	V030009
Accession ID	NM_027470.3
Antibiotic Resistance	Ampicillin
Length	7930 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)	DH5a
Growth Temperature	37℃
Expression Method	Transient
Comment	pcDNA3.1-Pak4(mouse)-EGFP (V030009) is a mammalian expression plasmid encoding full-length mouse Pak4 (NM_027470.3; 593 aa, p21-activated kinase 4) as an N-terminal EGFP fusion, separated by a (GGGGS)3 linker and expressed from the CMV promoter with a bGH poly(A) signal. The pcDNA3.1 backbone carries NeoR/KanR for G418 selection and an f1 ori; E. coli selection is AmpR with a high-copy ColE1 ori. Propagate in DH5α at 37 °C.

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 ℃.