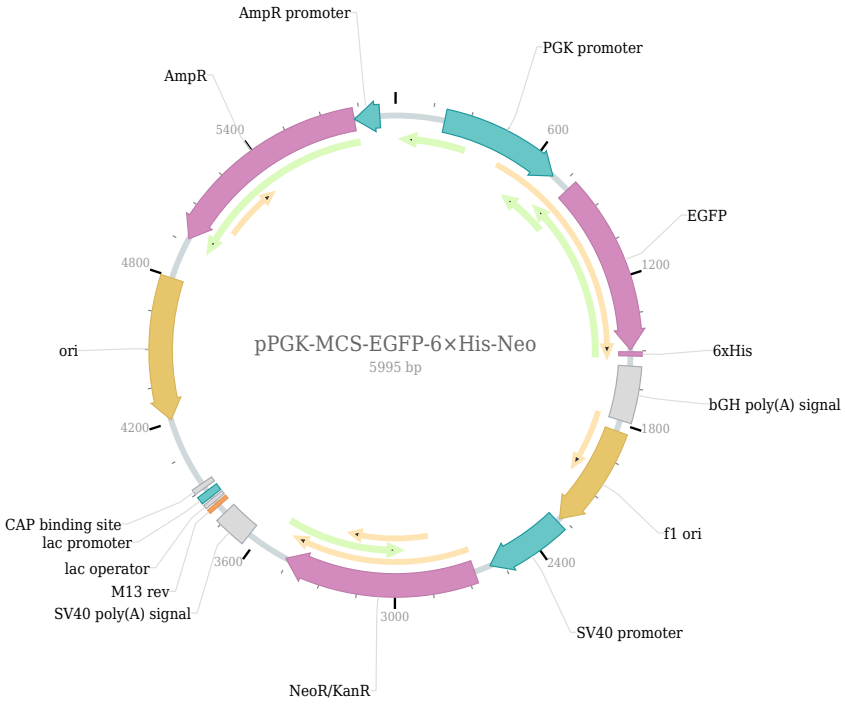
pPGK-MCS-EGFP-6×His-Neo

Vector ID	V014537
Antibiotic Resistance	Ampicillin
Length	5995 bp
Vector Type	Gene expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	mPGK
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pPGK-MCS-EGFP-6×His-Neo is a mammalian expression vector driven by the mouse PGK promoter for moderate, stable constitutive expression. Its MCS precedes EGFP and a C-terminal 6×His tag, yielding a GOI–EGFP–6×His fusion for fluorescence tracking and Ni-NTA purification.

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 ℃.