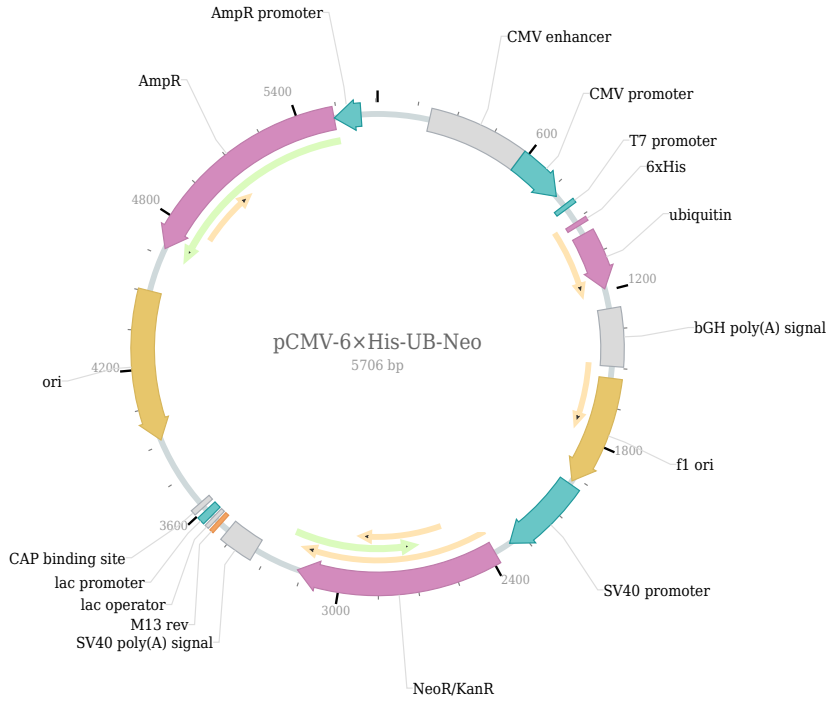
pCMV-6×His-UB-Neo

Vector ID	V014739
Antibiotic Resistance	Ampicillin
Length	5706 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	CMV
Fusion Tag	N-terminal 6×His
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pCMV-6×His-UB-Neo is a mammalian expression plasmid. It utilizes the strong CMV promoter for high-level gene expression and features an N-terminal 6×His tag for protein detection and purification. Selection in mammalian cells is achieved via a Neomycin/G418 resistance cassette, while bacterial propagation uses ampicillin resistance.

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 ℃.