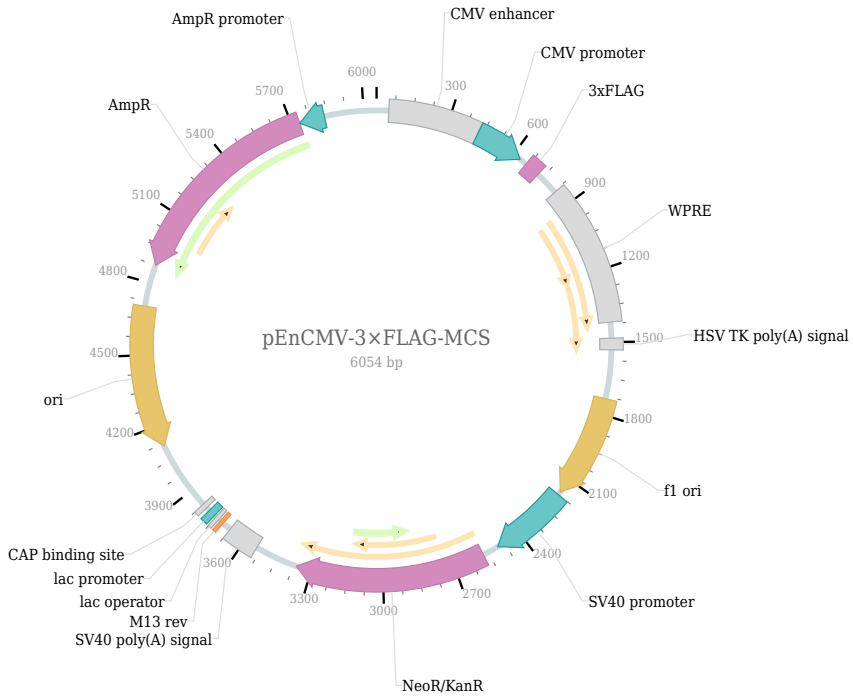
pEnCMV-3×FLAG-MCS

Vector ID	V015181
Accession ID	pCDNA3.4-3×FLAG-N
Antibiotic Resistance	Ampicillin
Length	6054 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	CMV
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pEnCMV-3×FLAG-MCS is a 6054 bp mammalian expression vector. It contains a strong CMV promoter and enhancer for high-level gene expression, followed by a 3xFLAG tag for protein detection. A multiple cloning site (MCS) allows flexible gene insertion. The vector includes an SV40 poly(A) signal, WPRE for mRNA stability, and an HSV TK poly(A) signal. For bacterial propagation, it carries an AmpR promoter, ampicillin resistance (AmpR), and an origin of replication (ori). It also features f1 ori for single-stranded DNA production and a NeoR/KanR cassette for antibiotic 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 ℃.