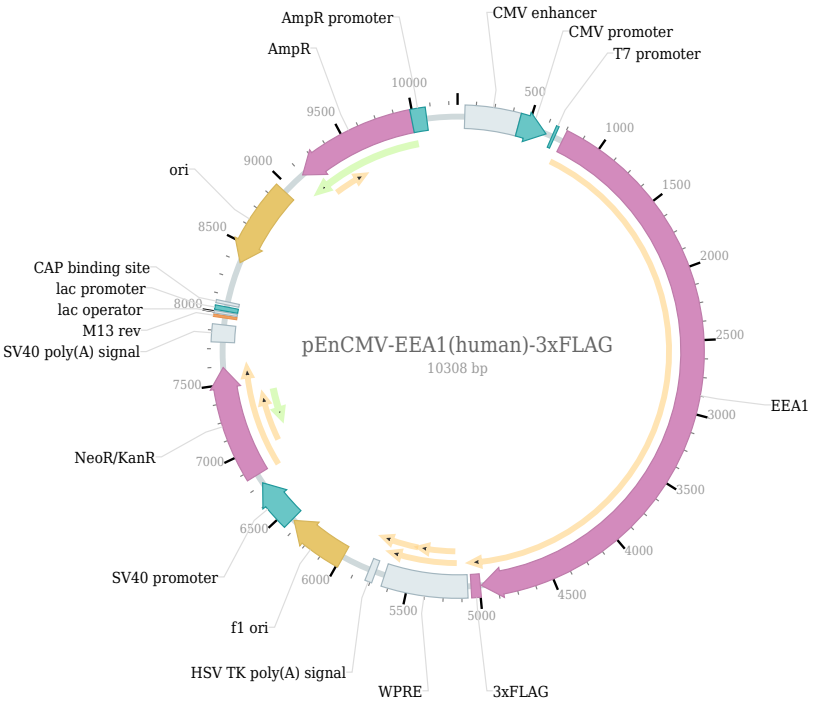
pEnCMV-EEA1(human)-3xFLAG

Vector ID	V027543
Accession ID	NM_003566.4
Antibiotic Resistance	Ampicillin
Length	10308 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	CMV
5' Primer	CMV-F
Fusion Tag	3xFLAG
Growth Strain(s)	DH10B
Growth Temperature	37℃
Expression Method	Transient
Comment	pEnCMV-EEA1(human)-3xFLAG is designed to express the human EEA1 gene fused with a 3xFLAG tag at the C-terminus, driven by the strong CMV promoter. The vector includes the NeoR/KanR gene for antibiotic selection in mammalian cells and the AmpR gene for bacterial propagation. It also features the WPRE element and HSV TK poly(A) signal to enhance mRNA stability and expression.

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 ℃.