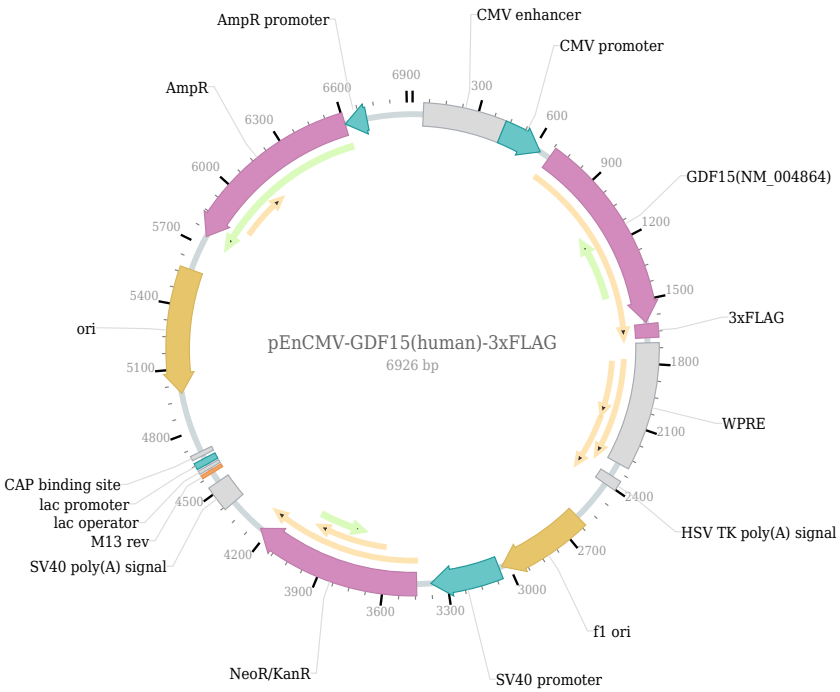
pEnCMV-GDF15(human)-3xFLAG

Vector ID	V020374
Accession ID	NM_004864.4
Antibiotic Resistance	Ampicillin
Length	6926 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	CMV
Fusion Tag	3xFLAG
Growth Strain(s)	DH10B
Expression Method	Transient
Comment	pEnCMV-GDF15(human)-3xFLAG is designed to express the human GDF15 gene (NM_004864) 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 the 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 ℃.