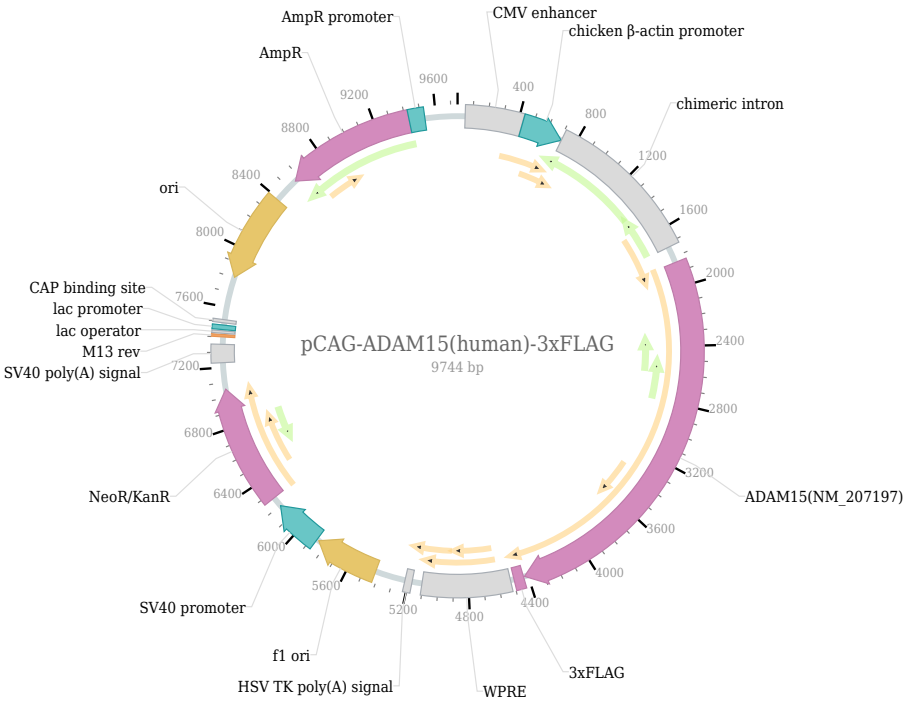
pCAG-ADAM15(human)-3xFLAG

Vector ID	V019405
Accession ID	NM_207197.3
Antibiotic Resistance	Ampicillin
Length	9744 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	CAG
Fusion Tag	3xFLAG
Growth Strain(s)	DH10B
Expression Method	Transient
Comment	pCAG-ADAM15(human)-3xFLAG is designed to express a human ADAM15 protein fused with a 3xFLAG tag at the C-terminus, driven by the strong CAG 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 to enhance mRNA stability and expression levels.

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 ℃.