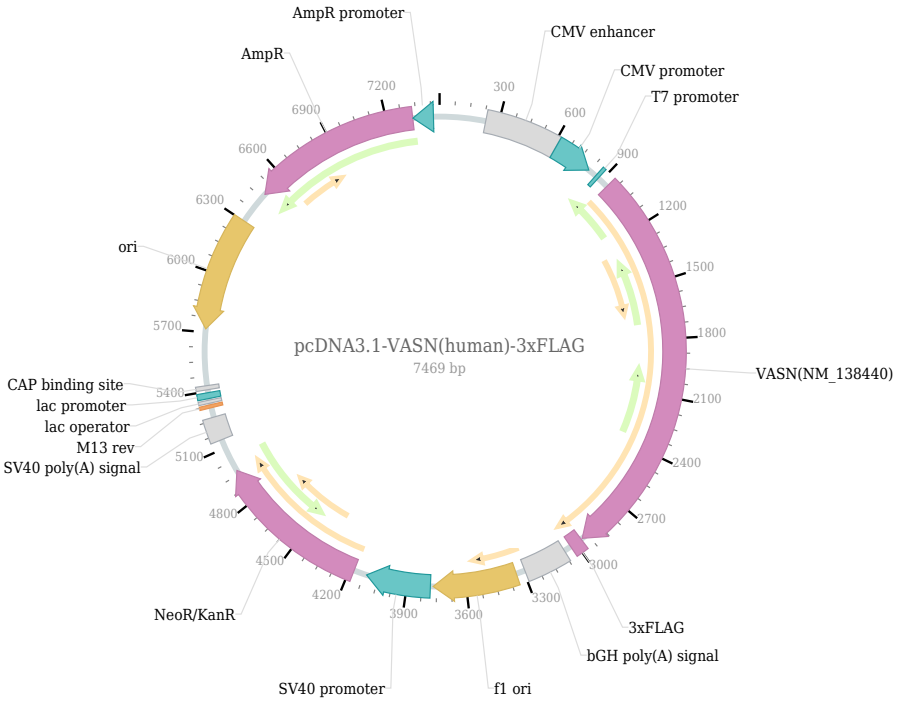
pcDNA3.1-VASN(human)-3xFLAG

Vector ID	V025994
Accession ID	NM_138440.3
Antibiotic Resistance	Ampicillin
Length	7469 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
Growth Temperature	37℃
Expression Method	Transient
Comment	This is a 7469 bp mammalian expression vector, pcDNA3.1-VASN(human)-3xFLAG. It drives constitutive expression of the human VASN gene, tagged with 3xFLAG, under the control of the strong CMV promoter. The vector facilitates selection in mammalian cells via the NeoR/KanR gene and in bacteria via AmpR. It also includes essential elements for replication and protein expression, such as the SV40 promoter, f1 ori, and the bGH poly(A) signal.

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 ℃.