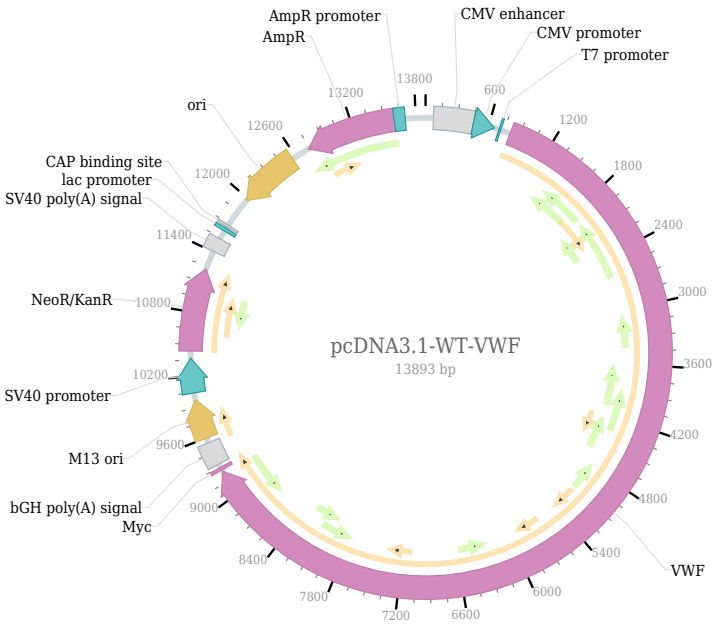
pcDNA3.1-WT-VWF

Vector ID	V014469
Antibiotic Resistance	Ampicillin
Length	13893 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	CMV
5' Primer	CMV-F□CGCAAATGGGCGGTAGGCGTG
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pcDNA3.1-WT-VWF is a CMV-driven mammalian expression plasmid encoding full-length human von Willebrand factor with a C-terminal c-Myc tag; it produces multimeric VWF in transfected cells for studying secretion, polymerization, and shear-dependent A2-domain unfolding.

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 ℃.