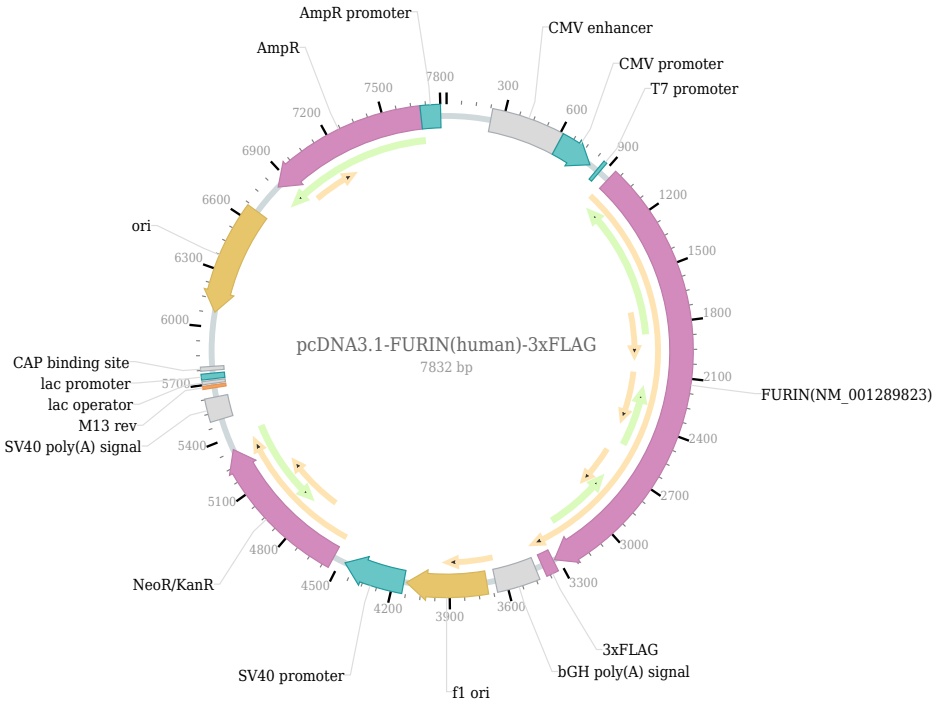
pcDNA3.1-FURIN(human)-3xFLAG

Vector ID	V022022
Accession ID	NM_001289823.2
Antibiotic Resistance	Ampicillin
Length	7832 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	CMV
Fusion Tag	3xFLAG
Expression Method	Transient
Comment	pcDNA3.1-FURIN(human)-3xFLAG is a mammalian expression vector encoding human proprotein convertase FURIN with a triple FLAG epitope tag in pcDNA3.1. Used to study furin-mediated proteolytic maturation of proproteins including growth factors, receptors, and viral glycoproteins in the secretory pathway.

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 ℃.