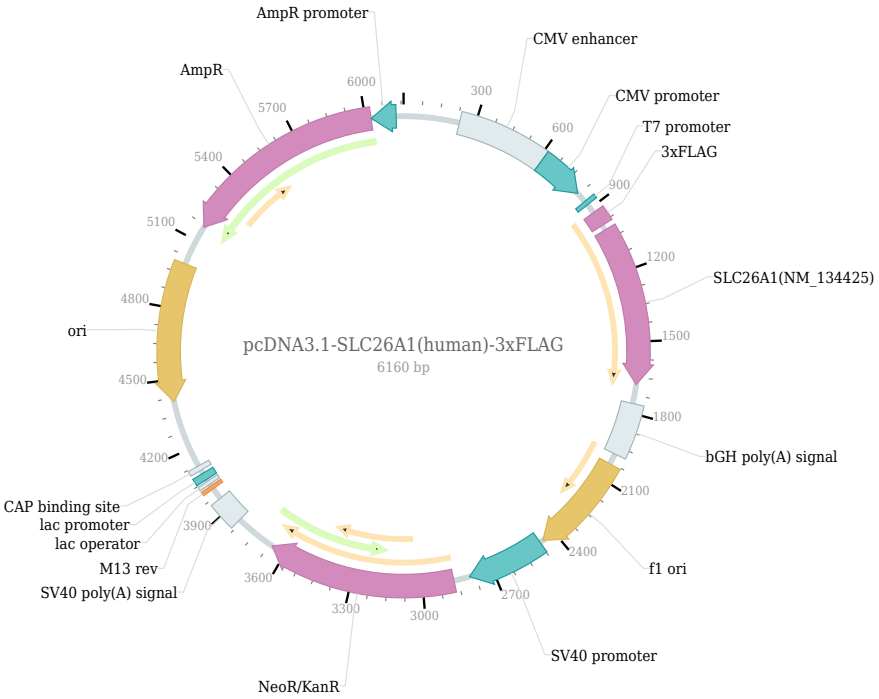
pcDNA3.1-SLC26A1(human)-3xFLAG

Vector ID	V023097
Accession ID	NM_134425.4
Antibiotic Resistance	Ampicillin
Length	6160 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	pcDNA3.1-SLC26A1(human)-3xFLAG is designed for constitutive expression of the human SLC26A1 gene fused with a 3xFLAG epitope, driven by a strong CMV enhancer/promoter. The vector contains a NeoR/KanR selection marker under the SV40 promoter for generating stable cell lines. It also includes an AmpR gene and an E. coli origin of replication (ori) for plasmid propagation.

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 ℃.