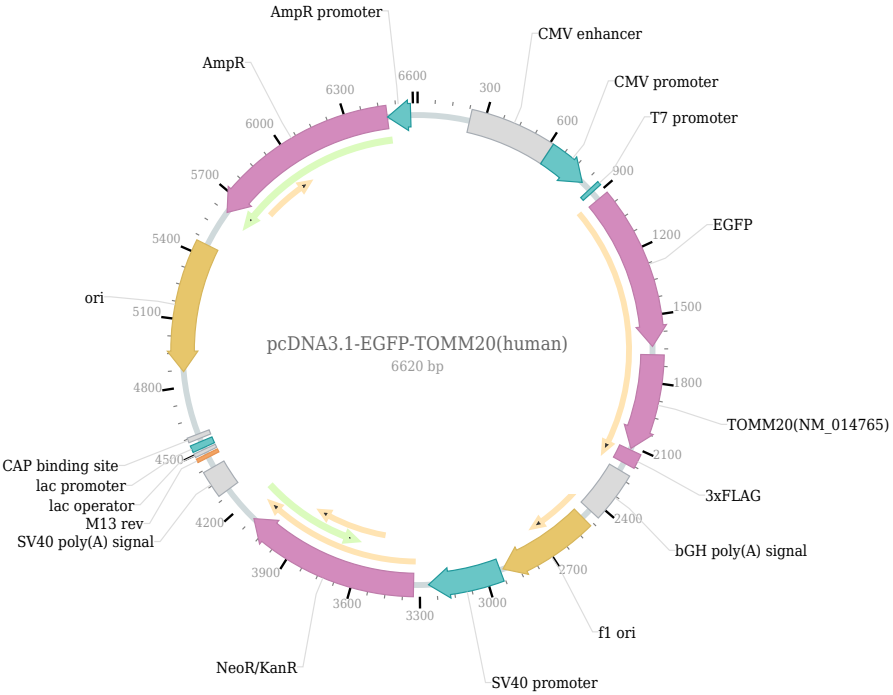
pcDNA3.1-EGFP-TOMM20(human)

Vector ID	V043246
Accession ID	NM_014765.3
Antibiotic Resistance	Ampicillin
Length	6620 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418;EGFP
Copy Number	High
Promoter	CMV
Fusion Tag	EGFP
Growth Strain(s)	DH5a
Growth Temperature	37℃
Expression Method	Transient
Comment	The pcDNA3.1-TOMM20(human)-EGFP vector (6620 bp) is designed for mammalian cell expression. The CMV promoter drives the expression of a N-terminal EGFP fusion with human TOMM20, preceded by a 3xFLAG tag for detection. It includes the SV40 poly(A) signal, an f1 ori, and the SV40 promoter. For selection, it features the NeoR/KanR gene, and for bacterial use, it contains an AmpR gene, an ori, and a lac operon for regulated cloning.

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 ℃.