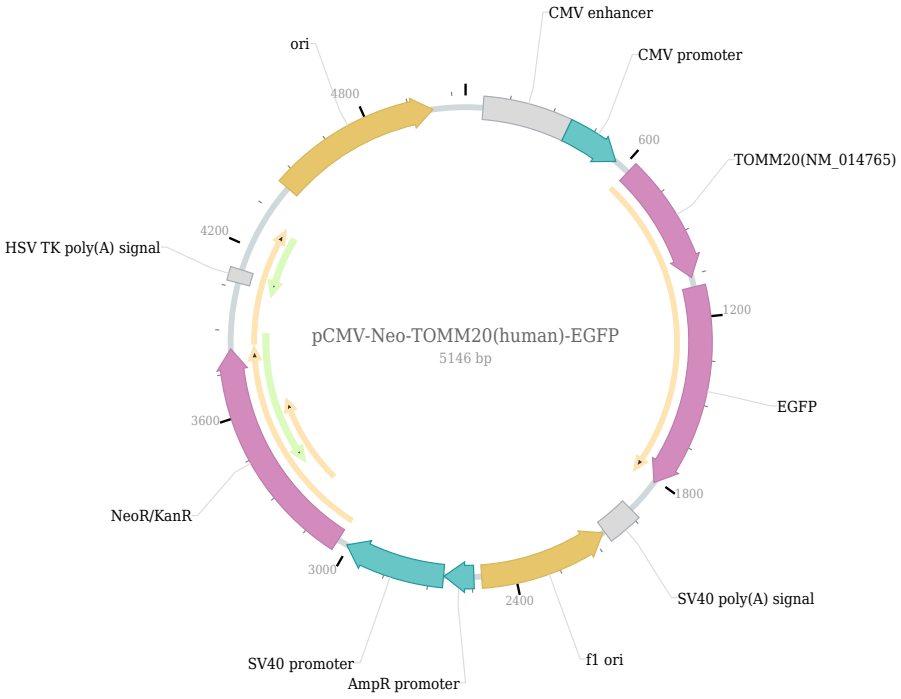
pCMV-Neo-TOMM20(human)-EGFP

Vector ID	V019980
Accession ID	NM_014765.3
Antibiotic Resistance	Kanamycin
Length	5146 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418;EGFP
Promoter	CMV
Fusion Tag	EGFP
Growth Strain(s)	Stbl3
Expression Method	Transient
Comment	pCMV-Neo-TOMM20(human)-EGFP is designed for constitutive expression of the human TOMM20 gene fused with EGFP, driven by a strong CMV enhancer/promoter. The vector includes a NeoR/KanR selection marker under the SV40 promoter for generating stable cell lines. It also features an f1 ori for single-stranded DNA production and an HSV TK poly(A) signal for proper transcript termination.

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 ℃.