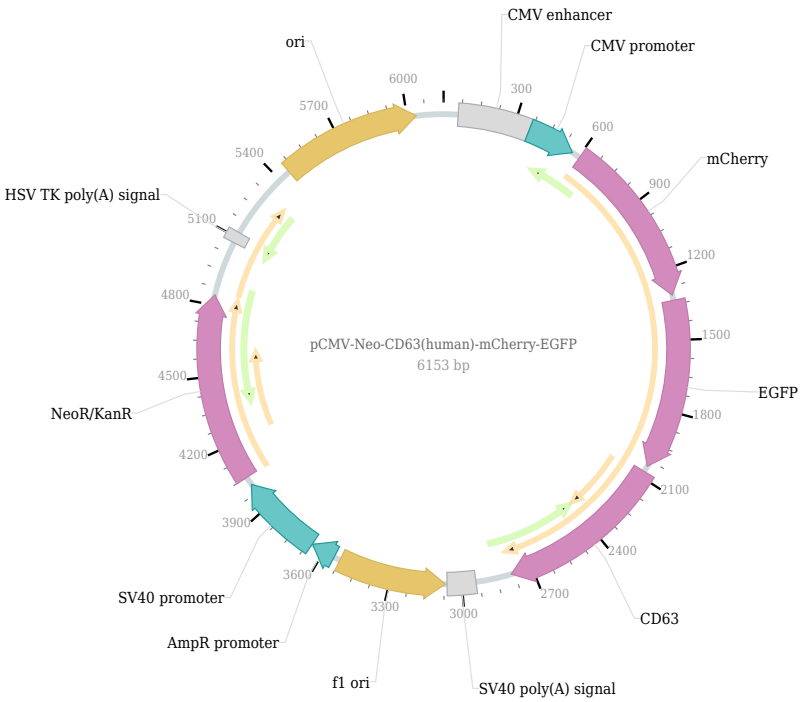
pCMV-Neo-CD63(human)-mCherry-EGFP

Vector ID	V019439
Accession ID	NM_001780.6
Antibiotic Resistance	Kanamycin
Length	6153 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418;mCherry;EGFP
Promoter	CMV
Fusion Tag	mCherry-EGFP
Growth Strain(s)	DH10B
Expression Method	Transient
Comment	pCMV-Neo-CD63(human)-mCherry-EGFP is designed to express a human CD63 protein fused with an mCherry-EGFP fluorescent reporter at the C-terminus, driven by the strong CMV promoter. The vector includes the NeoR/KanR gene for antibiotic selection in mammalian cells and the AmpR gene for bacterial propagation. It also features the SV40 promoter and poly(A) signal for additional cloning flexibility.

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 ℃.