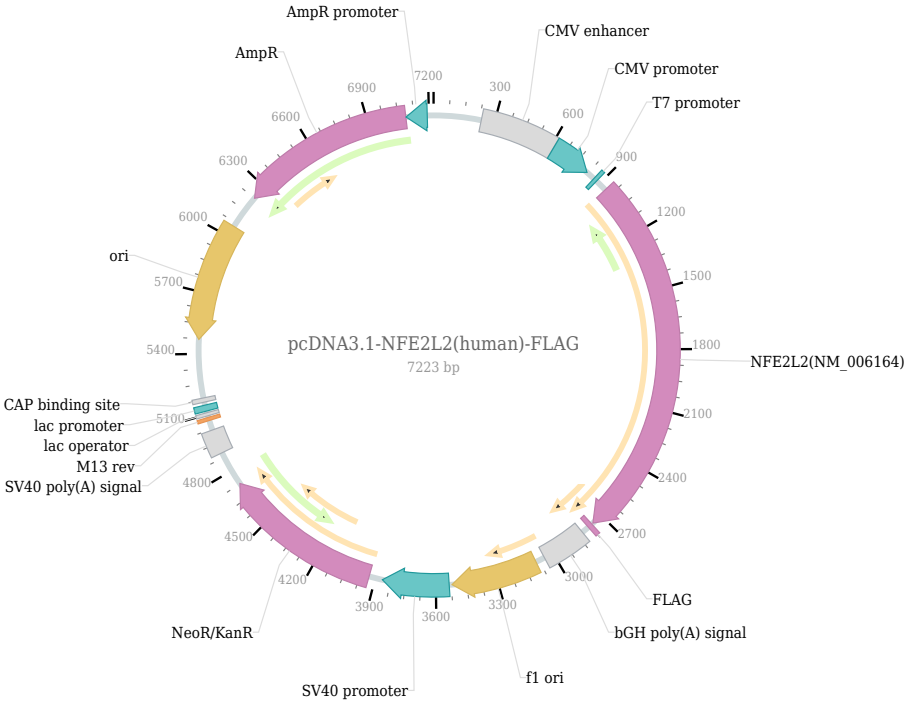
pcDNA3.1-NFE2L2(human)-FLAG

Vector ID	V023906
Accession ID	NM_006164.5
Antibiotic Resistance	Ampicillin
Length	7223 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	CMV
5' Primer	CMV-F□CGCAAATGGGCGGTAGGCGTG
Fusion Tag	FLAG
Growth Strain(s)	DH10B
Growth Temperature	37℃
Expression Method	Transient
Comment	pcDNA3.1-NFE2L2(human)-FLAG drives expression of human NFE2L2 (nuclear factor erythroid 2-like 2, also known as Nrf2), a bZIP transcription factor that serves as a key regulator of antioxidant and cytoprotective genes in response to oxidative stress, with a FLAG tag.

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 ℃.