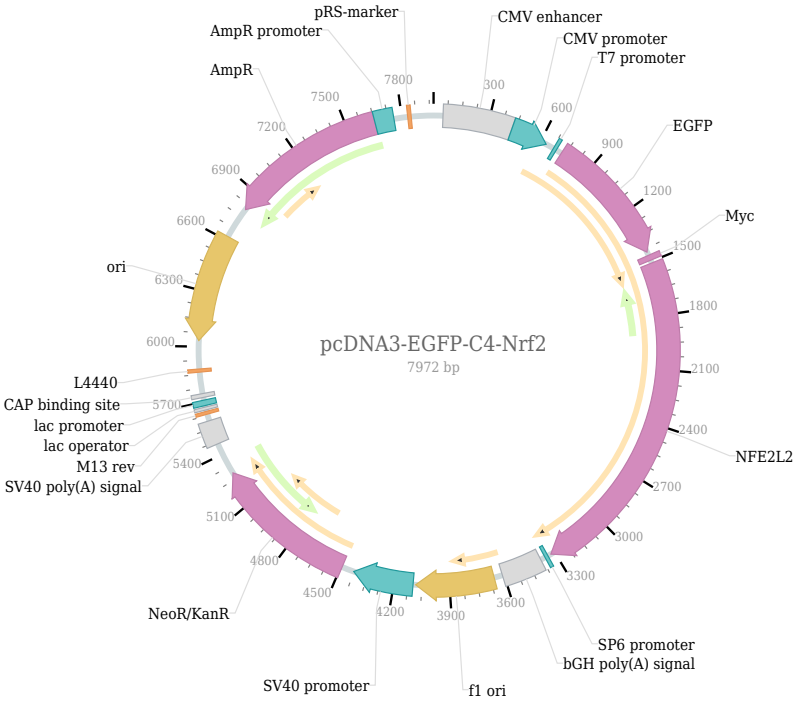
pcDNA3-EGFP-C4-Nrf2

Vector ID	V001397
Antibiotic Resistance	Ampicillin
Length	7972 bp
Vector Type	Mammalian Expression

Product Information

Replication Origin	ori
Selection Marker	Neomycin (select with G418) ; G418
Copy Number	High Copy
Cloning Method	Restriction Enzyme
5' Primer	T7
3' Primer	SP6
Comment	The pcDNA3-EGFP-C4-Nrf2 is a human-derived genetic plasmid capable of expressing the Nrf2 protein within mammalian cells. It enables the monitoring of transfection efficiency and protein localization through the fluorescence emitted by Enhanced Green Fluorescent Protein (EGFP).

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 ℃.