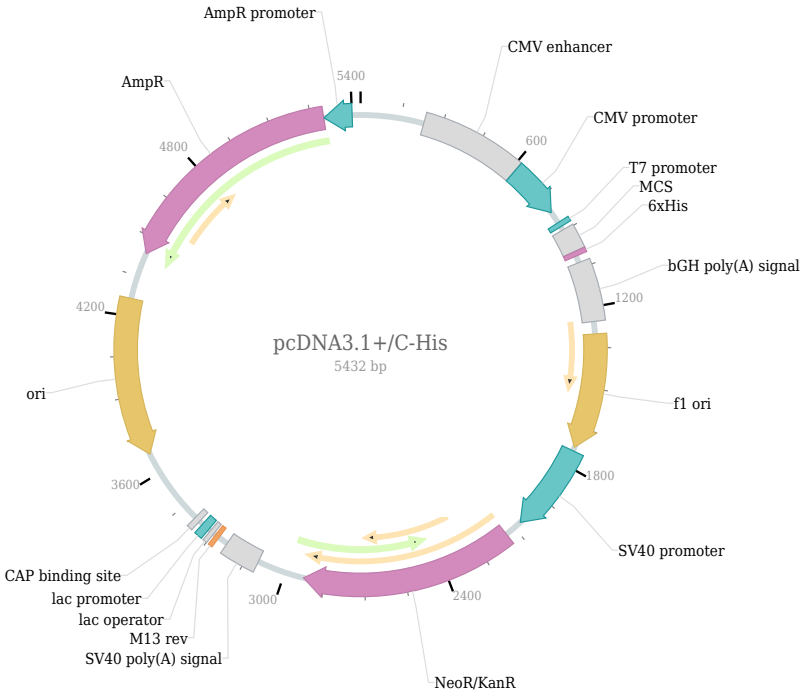
pcDNA3.1+/C-His

Vector ID	V011320
Antibiotic Resistance	Ampicillin
Length	5432 bp
Vector Type	Mammalian Expression Vectors

Product Information

Replication Origin	ori
Selection Marker	Neomycin/G418(Geneticin)
Copy Number	High copy number
Promoter	CMV
5' Primer	CTAGAGAACCCACTGCTTAC
3' Primer	TAGAAGGCACAGTCGAGG
Fusion Tag	C-term 6 x His
Growth Strain(s)	Top10
Growth Temperature	37℃
Comment	pcDNA3.1+/C-His vector is a mammalian expression vector with CMV promoter for expressing C-terminally 6xHis-tagged proteins.

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 ℃.