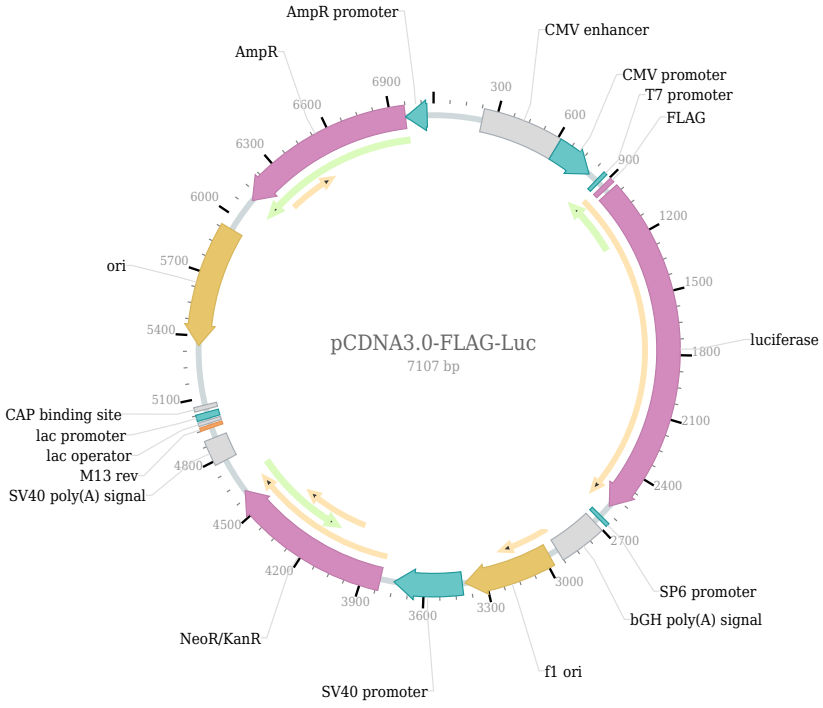
pCDNA3.0-FLAG-Luc

Vector ID	V038852
Antibiotic Resistance	Ampicillin
Length	7107 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Copy Number	High
Promoter	CMV
5' Primer	CMV-F
Fusion Tag	Flag
Growth Strain(s)	DH5a
Growth Temperature	37℃
Expression Method	Transient
Comment	A mammalian expression vector for protein studies. It expresses a FLAG-tagged fusion protein with firefly luciferase, enabling promoter activity analysis, protein tracking, and purification via the FLAG epitope.

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 ℃.