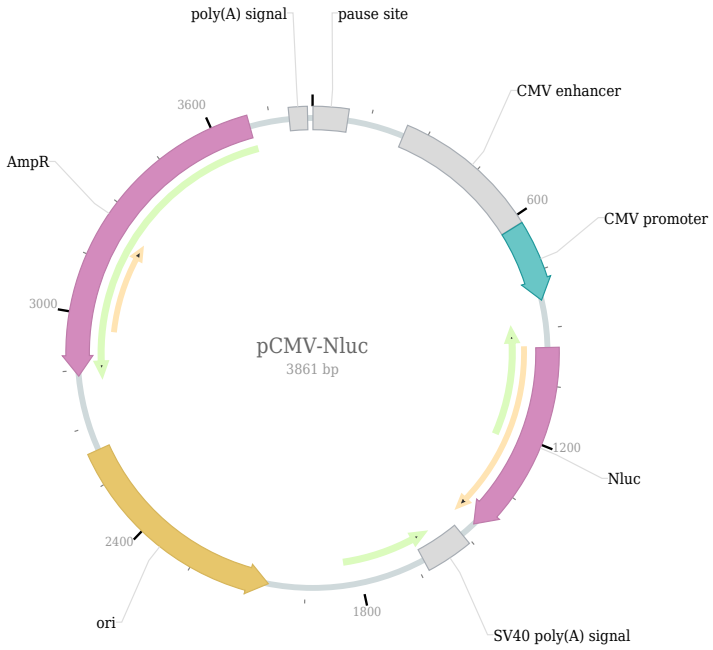
pCMV-Nluc

Vector ID	V038784
Antibiotic Resistance	Ampicillin
Length	3861 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Copy Number	High
Promoter	CMV
5' Primer	CMV-F
Growth Strain(s)	DH10B
Growth Temperature	37℃
Expression Method	Transient
Comment	pCMV-Nluc is a reporter plasmid expressing NanoLuc luciferase (an engineered enzyme derived from the deep-sea shrimp Oplophorus gracilirostris) under the control of the CMV promoter. It is widely used for sensitive gene expression detection.

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 ℃.