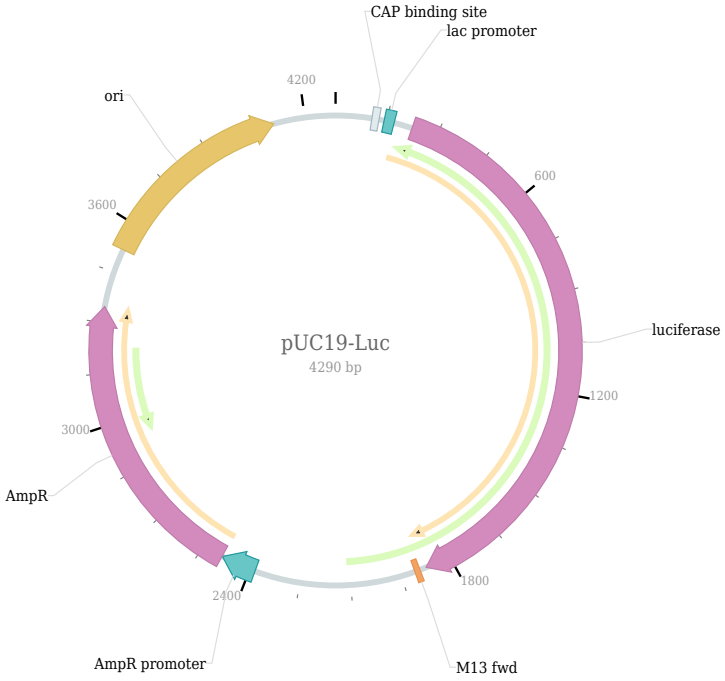
pUC19-Luc

Vector ID	V013377
Antibiotic Resistance	Ampicillin
Length	4290 bp
Vector Type	Protein expression
Host	E. coli

Product Information

Replication Origin	ori
Promoter	Lac
Growth Strain(s)	DH5a
Growth Temperature	37℃
Comment	pUC19-Luc is a firefly luciferase expression construct on a pUC19 high-copy backbone (ampicillin resistant). Provides a simple bioluminescence reporter plasmid for transient expression assays, transfection normalization, and quantitative promoter or regulatory element activity studies in eukaryotic cells.

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 ℃.