pGL4Luc-RLuc

Vector ID	V014952
Antibiotic Resistance	Ampicillin
Length	5497 bp

Product Information

Replication Origin	ori
Growth Strain(s)	DH10B
Comment	The pGL4Luc-RLuc plasmid is a specialized bidirectional reporter vector designed to simultaneously and independently measure the transcriptional activity of a DNA insert in two opposite directions using Firefly (Luc) and Renilla (RLuc) luciferase genes.

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 ℃.