pGL4.22[luc2CP/Puro]

载体编号 Vector ID	V011528
抗性 Antibiotic Resistance	Ampicillin
长度 Length	5583 bp
载体类型 Vector Type	Luciferase Vectors

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Promega
拷贝数 Copy Number	High copy number
培养菌株 Growth Strain(s)	DH10B
备注 Comment	pGL4.22[luc2CP/Puro] is a promoterless firefly luciferase reporter vector from Promega's pGL4 series, designed for you to clone a putative promoter/enhancer fragment into its MCS so that the inserted regulatory element drives luc2CP (a destabilized, codon-optimized Photinus pyralis firefly luciferase), letting you quantitatively measure transcriptional activity — with a constitutive puromycin-resistance cassette on the side for selecting stable integrants.

质粒图谱



复溶方法

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 ℃.