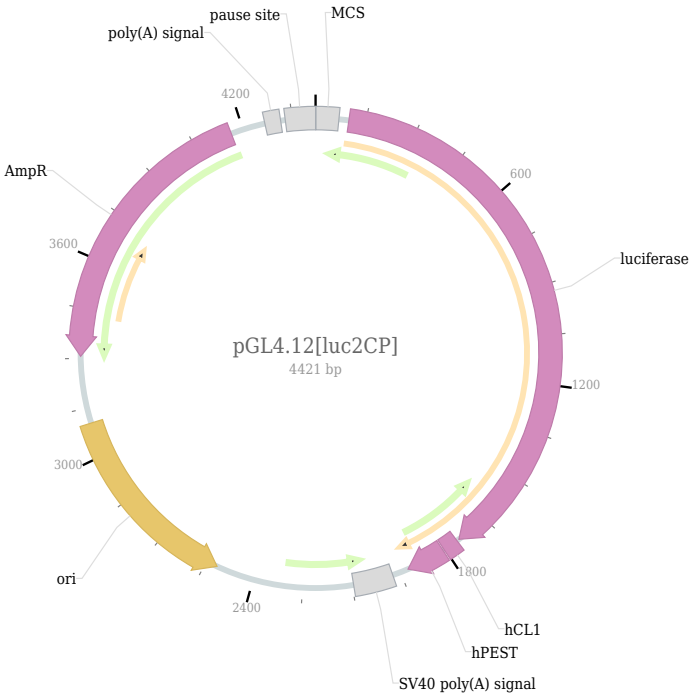
pGL4.12[luc2CP]

载体编号 Vector ID	V011538
抗性 Antibiotic Resistance	Ampicillin
长度 Length	4421 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)	Top10
备注 Comment	pGL4.12[luc2CP] is a promoterless firefly luciferase basic vector for cloning a promoter of interest. The luc2CP reporter bears dual hCL1 and hPEST protein-destabilization sequences (approx. 0.4 h half-life vs 3 h for luc2), giving Rapid Response kinetics suited to dynamic transcriptional changes; cryptic regulatory elements were removed to minimize background (AmpR).

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 ℃.