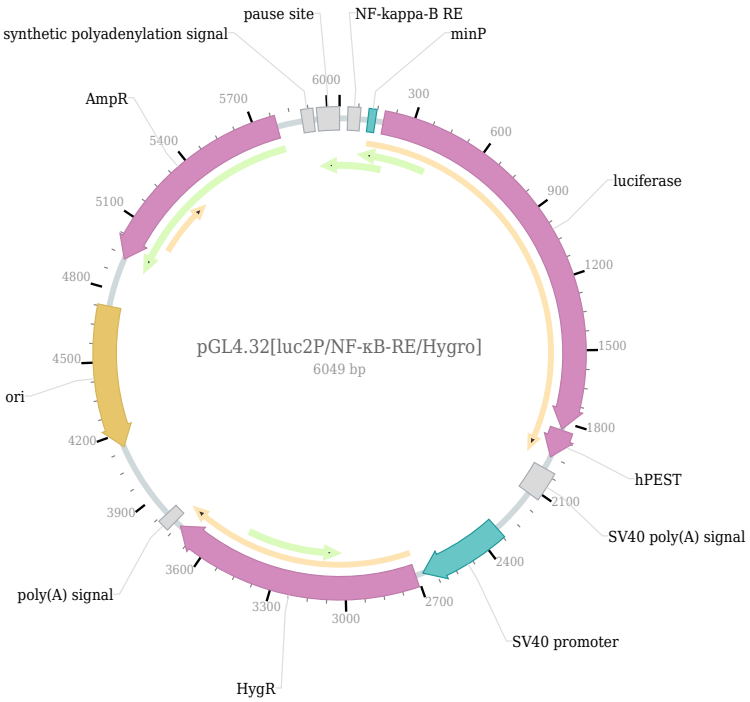
pGL4.32[luc2P/NF-κB-RE/Hygro]

载体编号 Vector ID	V011518
抗性 Antibiotic Resistance	Ampicillin
长度 Length	6049 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
启动子 Promoter	SV40
培养菌株 Growth Strain(s)	DH10B
备注 Comment	This is a 6049 bp dual luciferase reporter vector, pGL4.32[luc2P/NF-κB-RE/Hygro]. It contains the Photinusluciferase gene (luc2P) driven by the minimal SV40 promoter combined with NF-kappa-B response elements (NF-κB-RE) for targeted transcriptional studies. The vector facilitates co-transfection normalization with a constitutively expressed Renillaluciferase (hPEST-tagged). It includes a HygR resistance gene and SV40 poly(A) signal for stable mammalian cell selection, alongside an AmpR gene and bacterial origin for propagation in E. coli.

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 ℃.