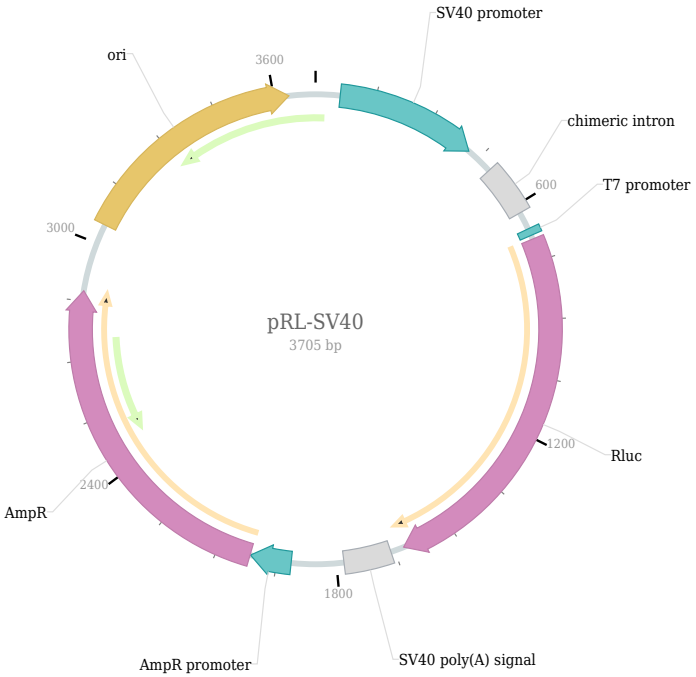
pRL-SV40

载体编号 Vector ID	V011445
抗性 Antibiotic Resistance	Ampicillin
长度 Length	3705 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	pRL-SV40 is a co-reporter vector developed by Promega Corporation designed for use as an internal control in dual-luciferase reporter assays. It encodes wild-type Renilla luciferase (Rluc), a 36 kDa monomeric protein originally cloned from the marine anthozoan coelenterate Renilla reniformis (sea pansy). The Rluc cDNA is driven by the SV40 enhancer and early promoter elements, providing high-level constitutive expression of Renilla luciferase in transfected mammalian cells.

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 ℃.