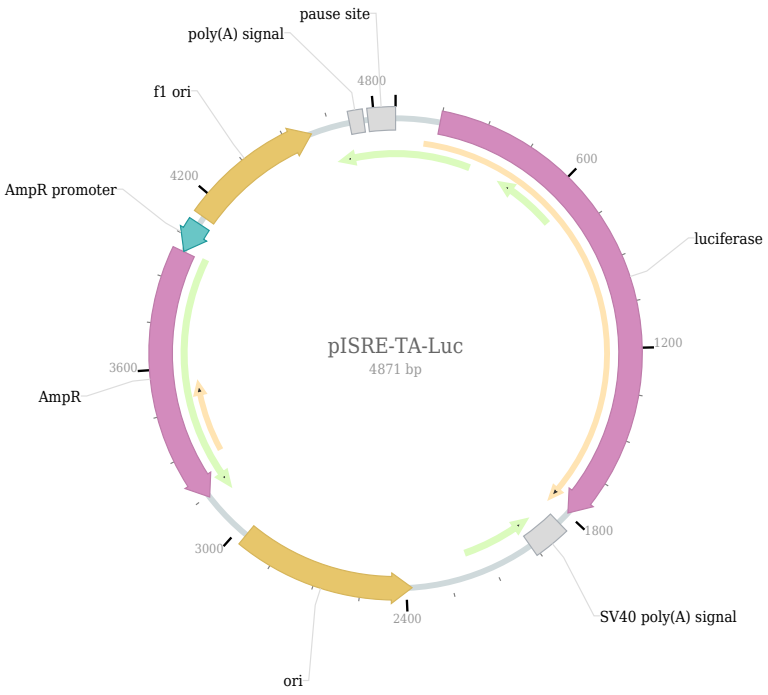
pISRE-TA-Luc

载体编号 Vector ID	V013375
抗性 Antibiotic Resistance	Ampicillin
长度 Length	4871 bp
载体类型 Vector Type	Transcription factor reporter
宿主 Host	Mammalian cells

产品信息

复制子 Replication Origin	ori
启动子 Promoter	ISRE
培养菌株 Growth Strain(s)	DH5a
培养温度 Growth Temperature	37℃
备注 Comment	pISRE-TA-Luc is a mammalian signal pathway reporter plasmid, approximately 4.9 kb in size, designed for monitoring the activation of the interferon-stimulated response element (ISRE). It contains five copies of the ISRE enhancer element upstream of a minimal TA promoter, which drives the expression of the firefly luciferase reporter gene. This vector is used to study Jak/STAT signaling pathways induced by interferons and is selected with an ampicillin resistance marker 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 ℃.