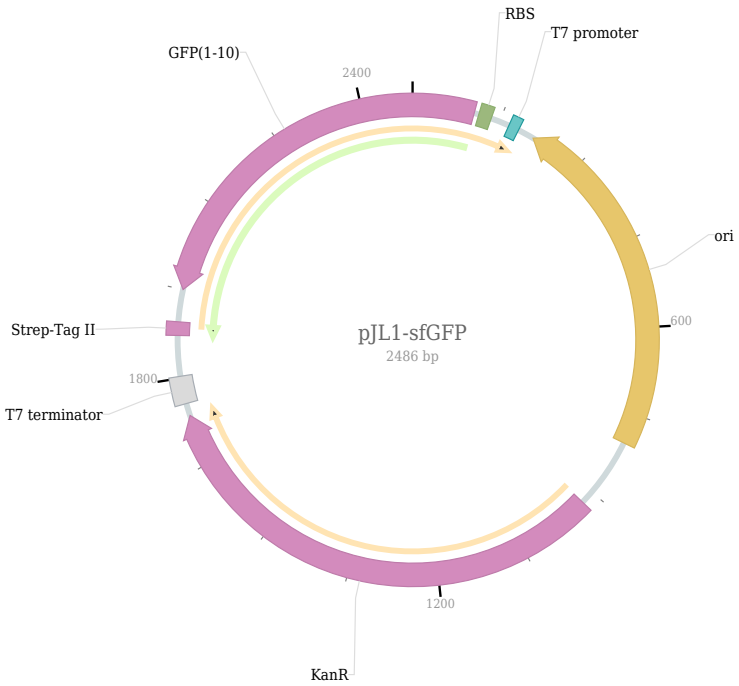
pJL1-sfGFP

载体编号 Vector ID	V017553
抗性 Antibiotic Resistance	Kanamycin
长度 Length	2486 bp
载体类型 Vector Type	Protein expression
宿主 Host	E. coli

产品信息

复制子 Replication Origin	ori
启动子 Promoter	T7
5' 引物 5' Primer	T7
培养菌株 Growth Strain(s)	DH5a
培养温度 Growth Temperature	37℃
备注 Comment	pJL1-sfGFP is a compact plasmid designed for cell-free protein expression. It carries the T7 promoter driving sfGFP (superfolder GFP), a robust green fluorescent protein. This setup enables quick, reliable in vitro synthesis of sfGFP without transformation or cell culture. The vector also includes a kanamycin resistance gene for selection in E. coli and a pBR322 origin for high-copy replication.

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 ℃.