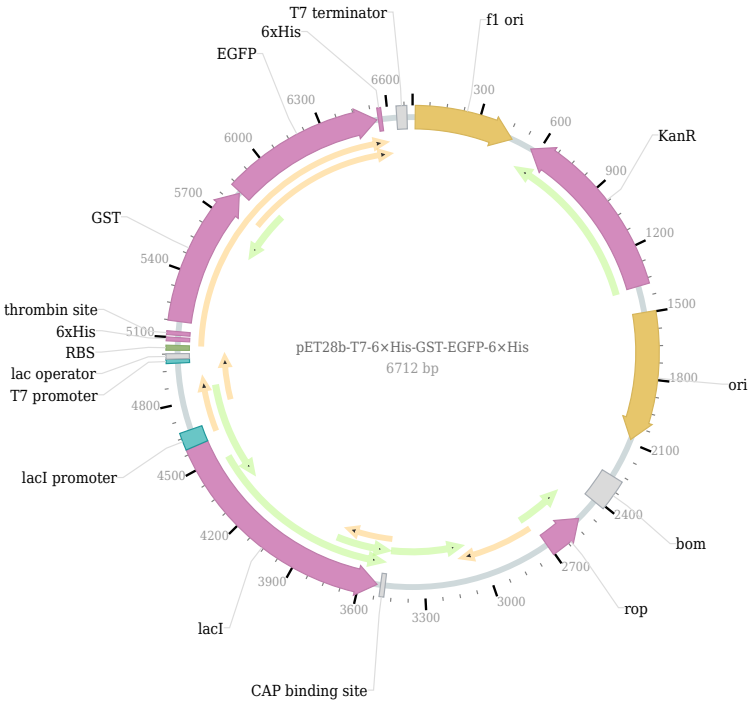
pET28b-T7-6×His-GST-EGFP-6×His

载体编号 Vector ID	V014730
抗性 Antibiotic Resistance	Kanamycin
长度 Length	6712 bp
载体类型 Vector Type	Protein expression
宿主 Host	E. coli

产品信息

复制子 Replication Origin	ori
拷贝数 Copy Number	Low
启动子 Promoter	T7
培养温度 Growth Temperature	37℃
备注 Comment	pET28b-T7-6×His-GST-EGFP-6×His (6.7 kb) is a bacterial expression vector. It carries a T7 promoter driving a fusion protein: N-terminal 6×His, GST, thrombin site, EGFP, and C-terminal 6×His. This design allows dual-affinity purification (His-tag and GST) and fluorescent tracking of the protein. It also includes KanR, lacI for tight regulation.

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 ℃.