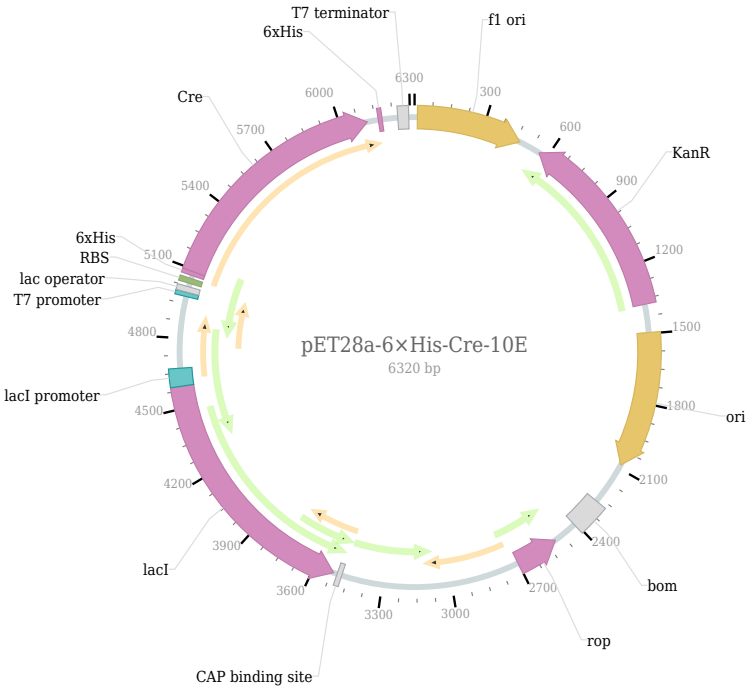
pET28a-6×His-Cre-10E

载体编号 Vector ID	V013141
抗性 Antibiotic Resistance	Kanamycin
长度 Length	6320 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
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pET28a-6xHis-Cre-10E is a T7-driven prokaryotic expression vector conferring kanamycin resistance. It produces Cre recombinase with an N-terminal 6×His tag and a C-terminal 10-glutamate (10E / poly-Glu) fusion tag. The poly-Glu tag enhances protein solubility and enables auxiliary anion-exchange purification of recombinant Cre for in-vitro loxP site-specific recombination assays.

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 ℃.