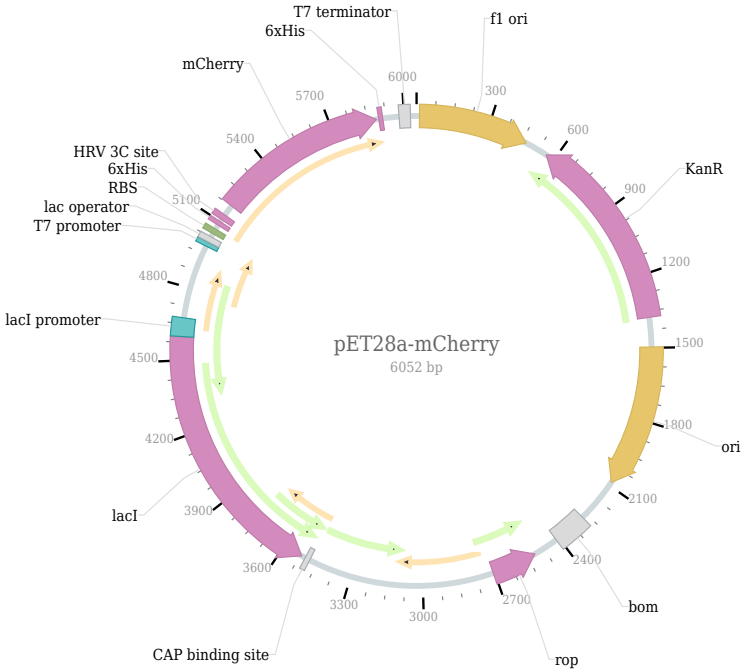
pET28a-mCherry

载体编号 Vector ID	V012844
登录号 Accession ID	pET-28a-mCherry
抗性 Antibiotic Resistance	Kanamycin
长度 Length	6052 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)	JM108
培养温度 Growth Temperature	37℃
备注 Comment	pET28a-mCherry is designed to express the mCherry fluorescent protein fused with an N-terminal 6xHis tag, driven by the T7 promoter. The vector includes the lac operator and lacI repressor for tight regulation, an HRV 3C protease site for tag removal, and the KanR gene for antibiotic selection in E.coli. It also features the T7 terminator and f1 ori for proper transcription and 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 ℃.