pETM-30

载体编号 Vector ID	V012848
登录号 Accession ID	pETM30
抗性 Antibiotic Resistance	Kanamycin
长度 Length	6346 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)	Top10
培养温度 Growth Temperature	37℃
备注 Comment	pETM-30 is a T7-driven E. coli expression vector (EMBL pET Modified series) with an IPTG-inducible T7lac promoter. It features an N-terminal 6×His–GST–TEV–PCD(DCoH) fusion cassette and a C-terminal 6×His tag. The GST and PCD domains act as solubility enhancers, supporting high-level soluble expression of difficult proteins.

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 ℃.