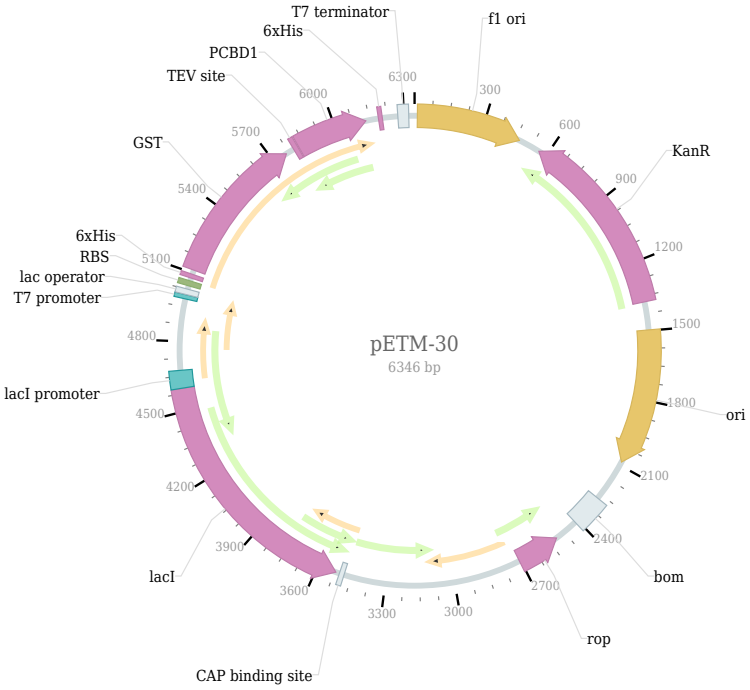
pETM-30

Vector ID	V012848
Accession ID	pETM30
Antibiotic Resistance	Kanamycin
Length	6346 bp
Vector Type	Protein expression
Host	E. coli

Product Information

Replication Origin	ori
Promoter	T7
Growth Strain(s)	Top10
Growth Temperature	37℃
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.

Vector Map



Plasmid Resuspension Protocol

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 ℃.