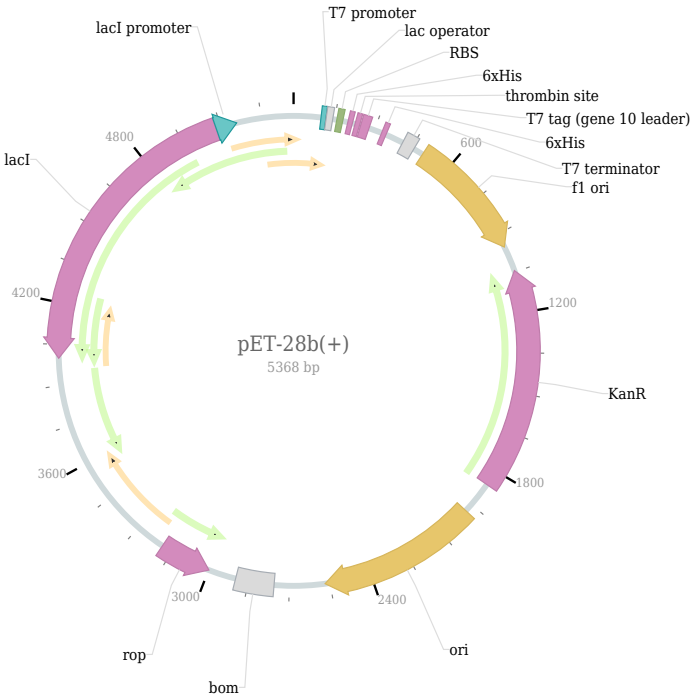
pET-28b(+)

载体编号 Vector ID	V011004
抗性 Antibiotic Resistance	Kanamycin
长度 Length	5368 bp
载体类型 Vector Type	pET & Duet Vectors (Novagen)

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Novagen (EMD Millipore)
拷贝数 Copy Number	High copy number
培养菌株 Growth Strain(s)	DH10B
备注 Comment	pET-28b(+) is a bacterial expression vector for IPTG-inducible protein production. It features a T7 promoter, N-terminal 6xHis-thrombin-T7 tag, and an optional C-terminal 6xHis tag. Selection is with KanR (kanamycin). The low-copy pBR322 origin (15-20 copies/cell) minimizes metabolic burden

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 ℃.