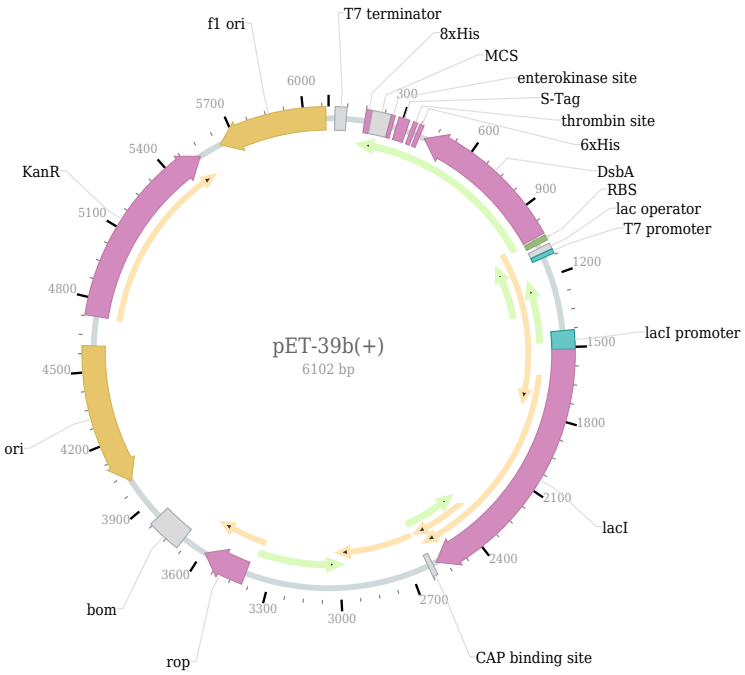
pET-39b(+)

载体编号 Vector ID	V010983
抗性 Antibiotic Resistance	Kanamycin
长度 Length	6102 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
备注 Comment	pET-39b(+) (6.1 kb) is a bacterial expression vector for periplasmic protein production. It uses a T7 promoter with lac operator for tight regulation. The fusion tag includes DsbA (for disulfide bond formation), 6xHis, thrombin site, S-Tag, enterokinase site, and a C-terminal 8xHis. The vector also carries KanR, f1 ori, and lacI for inducible expression in E.coli.

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 ℃.