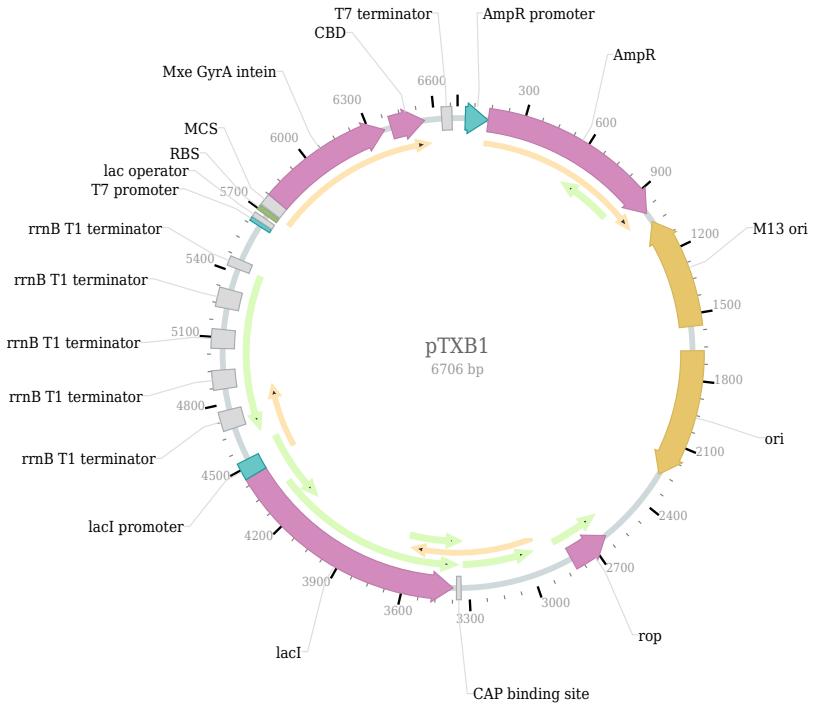
pTXB1

载体编号 Vector ID	V012375
抗性 Antibiotic Resistance	Ampicillin
长度 Length	6706 bp
载体类型 Vector Type	Cloning Vectors

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Southworth MW, Amaya K, Evans TC, Xu MQ, Perler FB.
拷贝数 Copy Number	High copy number
培养菌株 Growth Strain(s)	DH10B
备注 Comment	pTXB1 is a 6,706-bp E. coli expression vector of the IMPACT system. A target gene cloned at NdeI/SapI sites fuses C-terminally to a 27 kDa Mxe GyrA intein–chitin-binding domain (CBD). The fusion binds chitin resin; thiol-induced intein cleavage releases native target protein, enabling single-column purification. Ampicillin selects transformants.

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 ℃.