pBT2

载体编号 Vector ID	V012975
抗性 Antibiotic Resistance	Ampicillin
长度 Length	7000 bp
宿主 Host	Staphylococcus aureus

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Chl
培养菌株 Growth Strain(s)	DH5a
培养温度 Growth Temperature	30℃
备注 Comment	pBT2 is a temperature-sensitive E. coli-Staphylococcusshuttle vector used for gene knockout in Gram-positive bacteria. It is low-copy, with ampicillin resistance in E. coliand chloramphenicol resistance in staphylococci. Its replication is functional at 30°C but not at higher temperatures, facilitating genetic manipulation.

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 ℃.