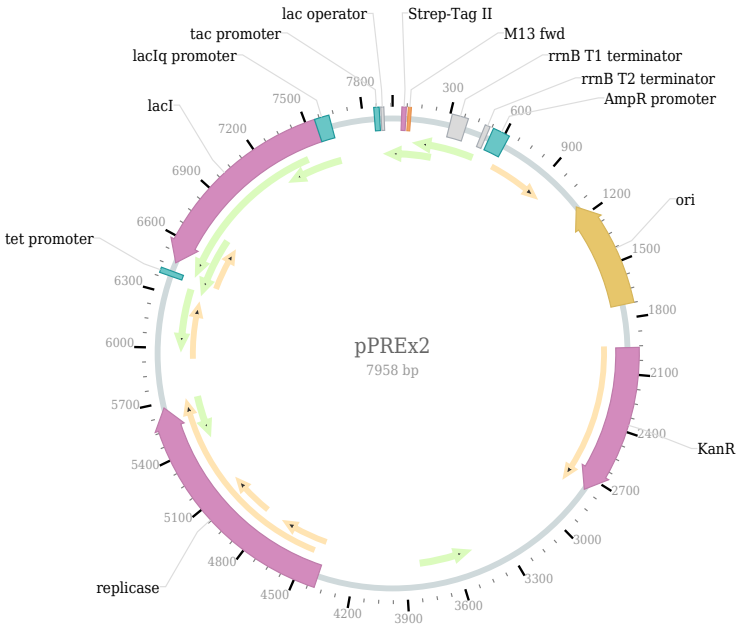
pPREx2

载体编号 Vector ID	V015660
抗性 Antibiotic Resistance	Kanamycin
长度 Length	7958 bp
载体类型 Vector Type	Shuttle-expression vector

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Bakkes PJ, Ramp P, Bida A, Dohmen-Olma D
培养菌株 Growth Strain(s)	JM109
备注 Comment	pPREx2 is a 7958 bp bacterial expression vector. It is designed for tight gene regulation and protein production in E. coli, featuring dual expression systems controlled by the tet and strong tac promoters. The multiple cloning site (MCS) allows for gene insertion, with options for N-terminal Strep-Tag II or C-terminal His-tagging. It includes both AmpR and KanR resistance genes, an origin of replication (ori), and a replicase gene for high-copy maintenance.

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 ℃.