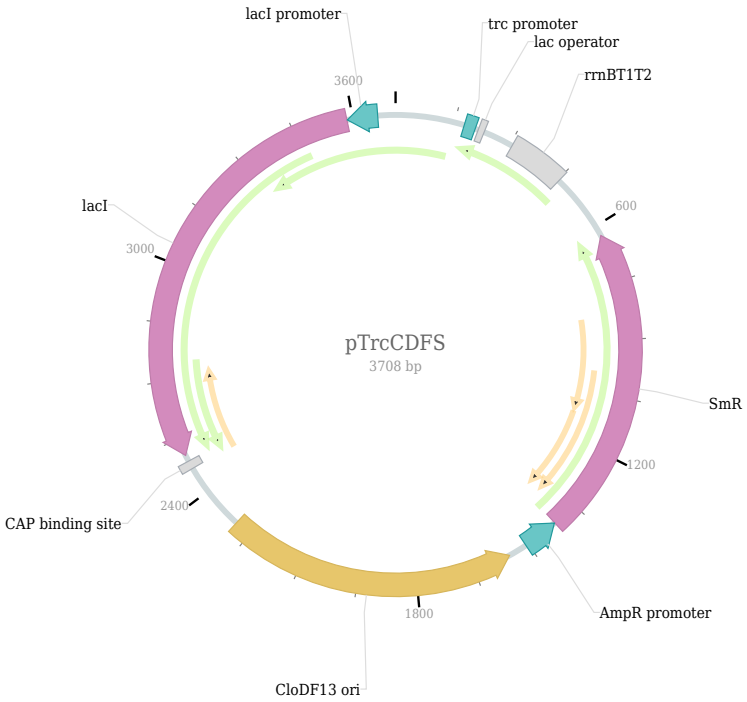
pTrcCDFS

载体编号 Vector ID	V002542
抗性 Antibiotic Resistance	Streptomycin
长度 Length	3708 bp
载体类型 Vector Type	Cloning vector

产品信息

复制子 Replication Origin	CloDF13 ori
来源 Source/Author	Kim B, Binkley R, Kim HU, Lee SY.
拷贝数 Copy Number	Low copy number
启动子 Promoter	trc
培养菌株 Growth Strain(s)	DH10B
备注 Comment	pTrcCDFS is a 3,708-bp low-copy Escherichia coli cloning and expression vector. It features a trc promoter fused to a lac operator for IPTG-inducible expression, a CloDF13 origin compatible with ColE1-based plasmids, streptomycin resistance, lacI repressor, and rrnB terminators. It supports metabolic-engineering gene overexpression.

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 ℃.