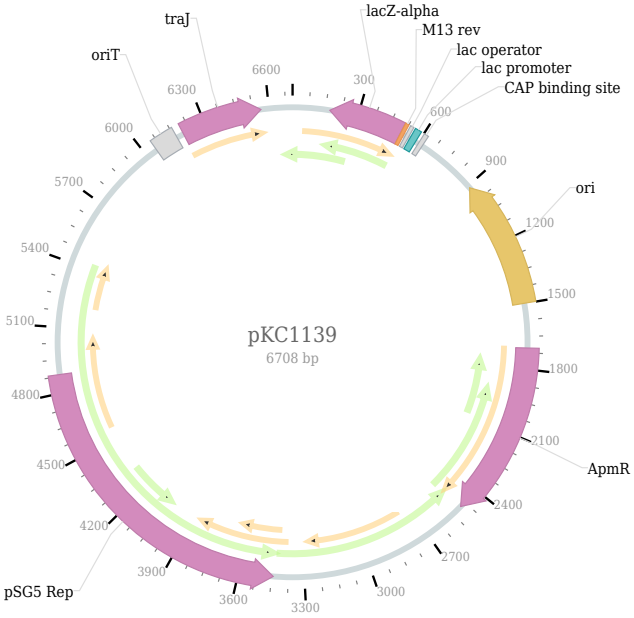
pKC1139

载体编号 Vector ID	V012920
抗性 Antibiotic Resistance	Apramycin
长度 Length	6708 bp
载体类型 Vector Type	Gene knockout
宿主 Host	E. coli

产品信息

复制子 Replication Origin	ori
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	30℃
备注 Comment	The plasmid pKC1139 is a temperature-sensitive, gene-disruption vector primarily used for targeted gene knockout via homologous recombination in Streptomyces and other actinomycetes. It features an apramycin resistance marker for selection and a temperature-sensitive replicon that facilitates 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 ℃.