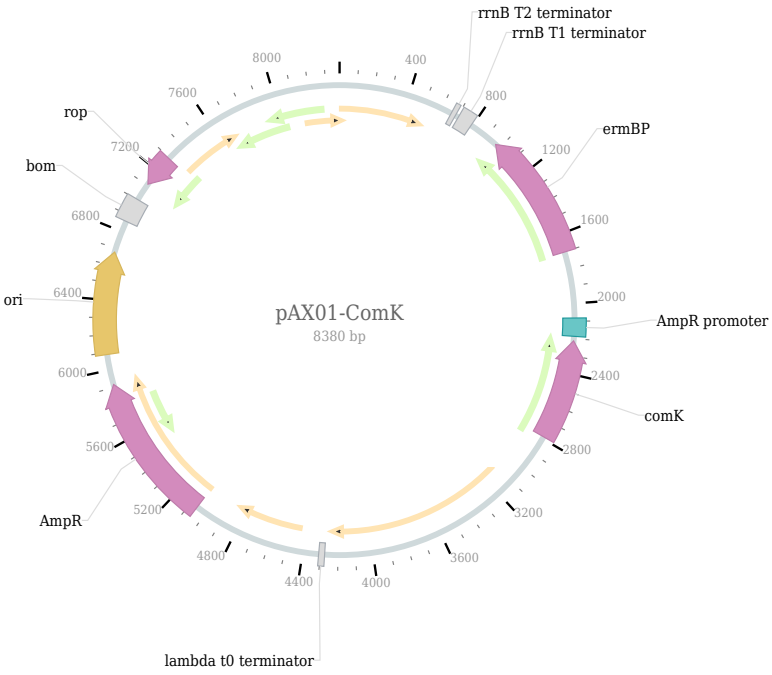
pAX01-ComK

载体编号 Vector ID	V013223
抗性 Antibiotic Resistance	Ampicillin
长度 Length	8380 bp
载体类型 Vector Type	Protein expression
宿主 Host	Bacillus subtilis

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Ery
启动子 Promoter	xylA
培养菌株 Growth Strain(s)	DH5a
培养温度 Growth Temperature	37℃
备注 Comment	This is an 8380 bp bacterial expression vector, pAX01-ComK. It is designed to express the ComK gene under the control of the strong ermBP promoter. The vector includes the AmpR gene for antibiotic selection in E. coli and features the pMB1 origin (ori) for DNA replication. Additionally, it contains essential regulatory elements such as the rop and bom genes for plasmid maintenance, along with the rrnB T1/T2 and lambda t0 terminators for transcription termination.

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 ℃.