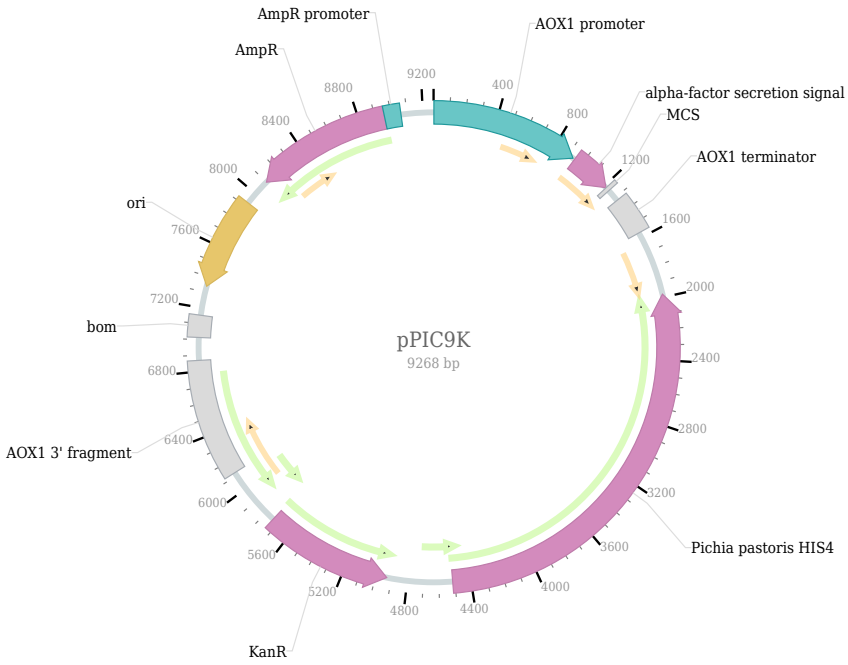
pPIC9K

载体编号 Vector ID	V010245
抗性 Antibiotic Resistance	Ampicillin
长度 Length	9268 bp
载体类型 Vector Type	Yeast Plasmids

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Invitrogen (Life Technologies)
拷贝数 Copy Number	High copy number
启动子 Promoter	AOX1
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	The pPIC9K vector is designed for expression in Pichia pastoris. It features a strong AOX1 promoter for high-level expression. This vector also has an alpha-factor secretion signal, which can direct the secretion of target proteins. pPIC9K offers several advantages, such as efficient protein production, post-translational modifications similar to mammalian cells, and the ability to scale up production. It is ideal for expressing large amounts of recombinant proteins, especially those that require proper folding and modifications.

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 ℃.