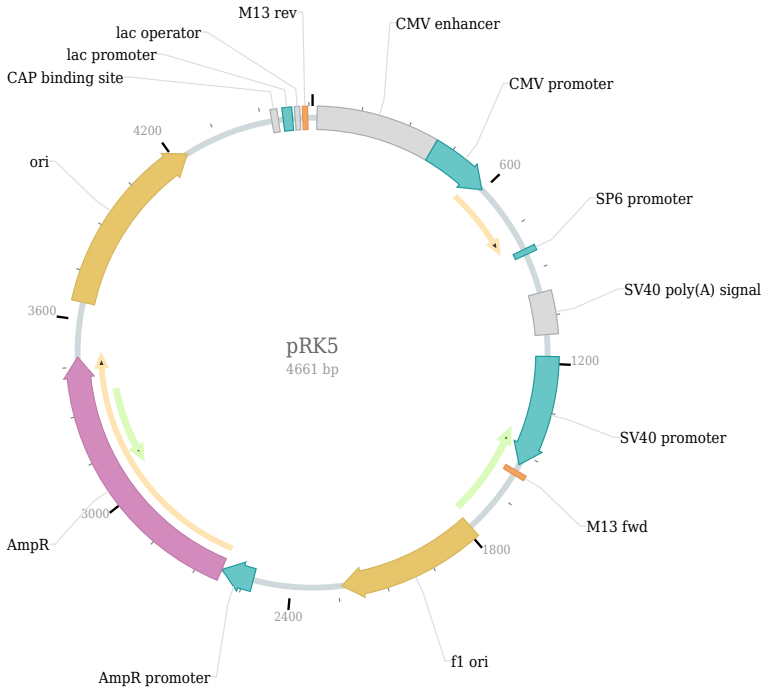
pRK5

载体编号 Vector ID	V014793
抗性 Antibiotic Resistance	Ampicillin
长度 Length	4661 bp
载体类型 Vector Type	Protein expression
宿主 Host	Mammalian cells

产品信息

复制子 Replication Origin	ori
启动子 Promoter	SV40
5' 引物 5' Primer	CMV-F
培养菌株 Growth Strain(s)	DH5α
培养温度 Growth Temperature	37℃
备注 Comment	pRK5 is a mammalian expression plasmid vector featuring a CMV promoter for high-level protein expression in mammalian cells. It contains an ampicillin resistance gene (AmpR) for bacterial selection in hosts like DH5α and includes elements such as the SV40 origin and polyadenylation signal.

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 ℃.