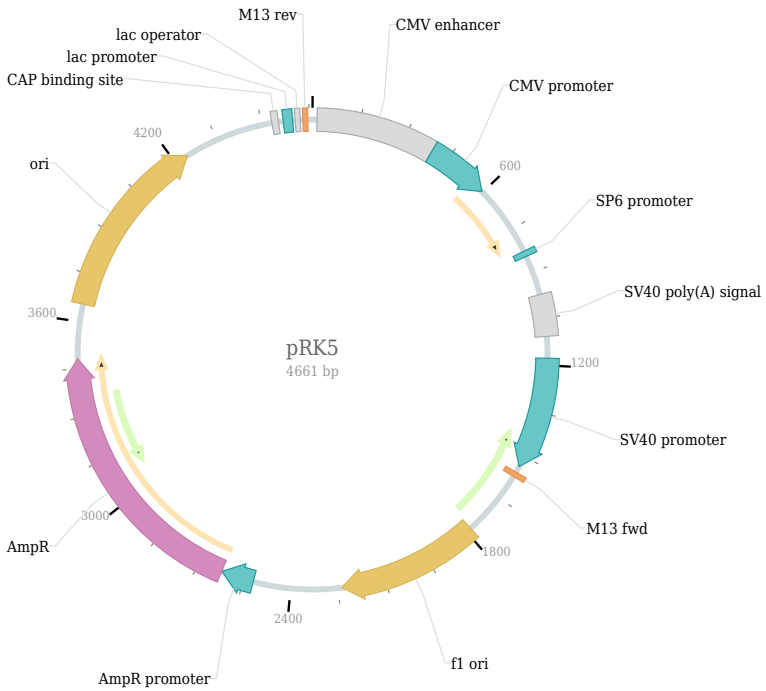
pRK5

Vector ID	V014793
Antibiotic Resistance	Ampicillin
Length	4661 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Promoter	SV40
5' Primer	CMV-F
Growth Strain(s)	DH5α
Growth Temperature	37℃
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.

Vector Map



Plasmid Resuspension Protocol

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 ℃.