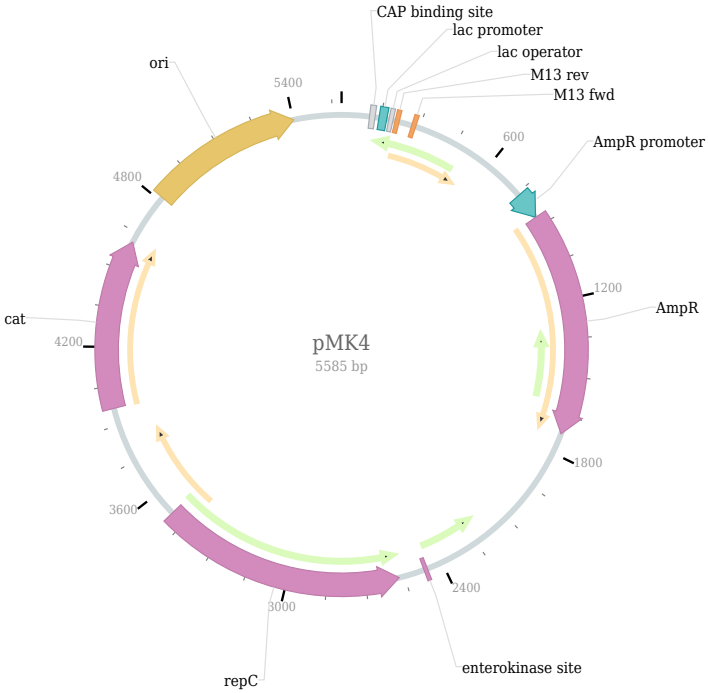
pMK4

Vector ID	V004712
Antibiotic Resistance	Ampicillin
Length	5585 bp
Vector Type	Shuttle vector

Product Information

Replication Origin	ori
Source/Author	Zeigler DR.
Growth Strain(s)	DH10B
Comment	pMK4 is a Bacillus subtilis-Escherichia coli shuttle vector that mediates the transfer of the fecIRABCDE gene cluster into bacterial strains, thereby validating its pivotal role in regulating the pathogenicity of bovine mastitis.

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 ℃.