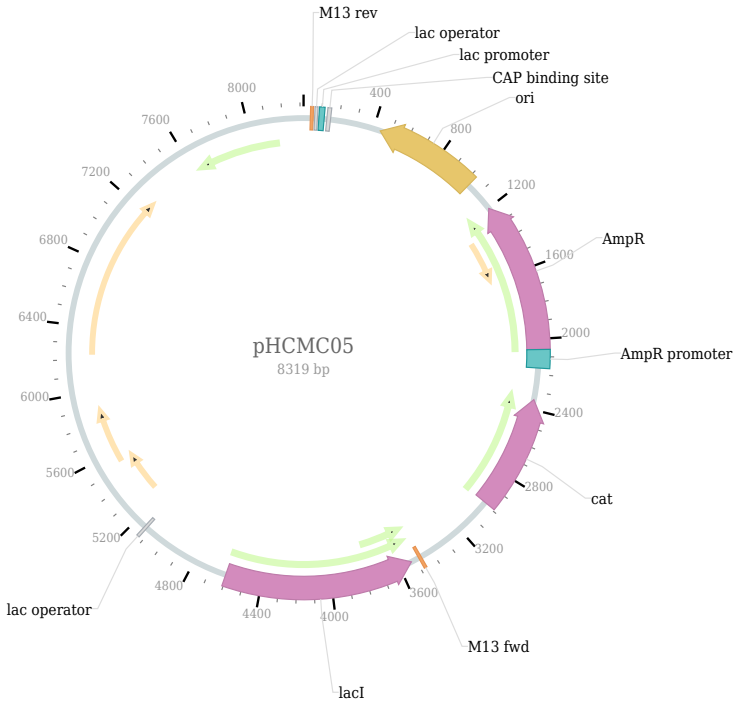
pHCMC05

Vector ID	V005532
Antibiotic Resistance	Ampicillin
Length	8319 bp
Vector Type	Bacillus subtilis expression vectors

Product Information

Replication Origin	ori
Selection Marker	chloramphenicol
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	The pHCMC05 is an E. coli/Bacillus subtilis shuttle vector, 8319 bp in size, designed for protein expression in Bacillus subtilis. It contains an ampicillin resistance gene for selection in E. coliand a chloramphenicol resistance marker for selection in the Bacillushost.

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 ℃.