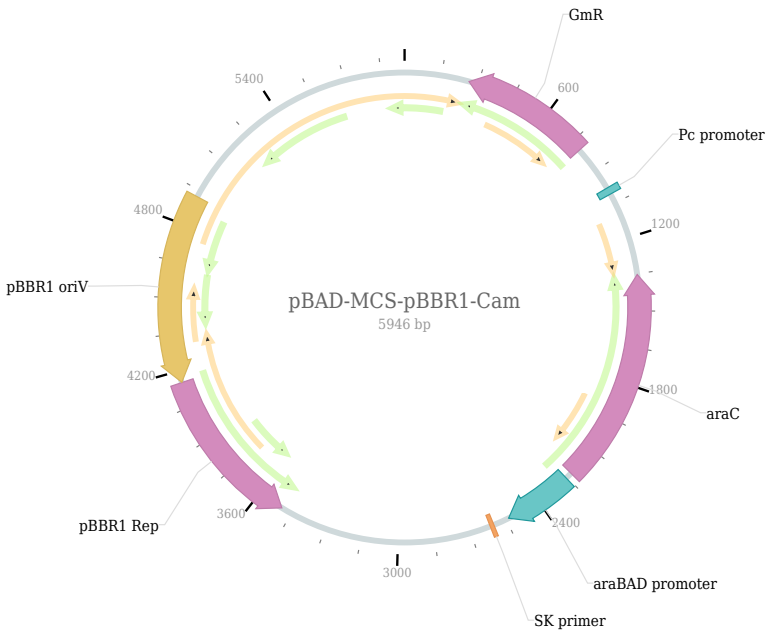
pBAD-MCS-pBBR1-Cam

Vector ID	V014567
Antibiotic Resistance	Gentamicin
Length	5946 bp
Vector Type	Gene expression
Host	E. coli

Product Information

Replication Origin	pBBR1 oriV
Copy Number	Low
Promoter	araBAD
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pBAD-MCS-pBBR1-Cam is a pBBR1-based, low-copy-number plasmid for inducible protein expression in E. coli. It contains a chloramphenicol resistance marker and the arabinose-inducible pBAD promoter, offering tightly regulated expression of genes cloned into its multiple cloning site (MCS).

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 ℃.