pBAD322

Vector ID	V009294
Antibiotic Resistance	Ampicillin
Length	4955 bp
Vector Type	Expression vector

Product Information

Replication Origin	ori
Source/Author	Cronan JE.
Promoter	araBAD
Growth Strain(s)	Top10
Comment	pBAD322 is a medium-copy, arabinose-inducible E. coli expression vector derived from pBAD24. It uses the tightly regulated araBAD promoter for dose-dependent gene expression, carries an ampicillin resistance marker.

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 ℃.