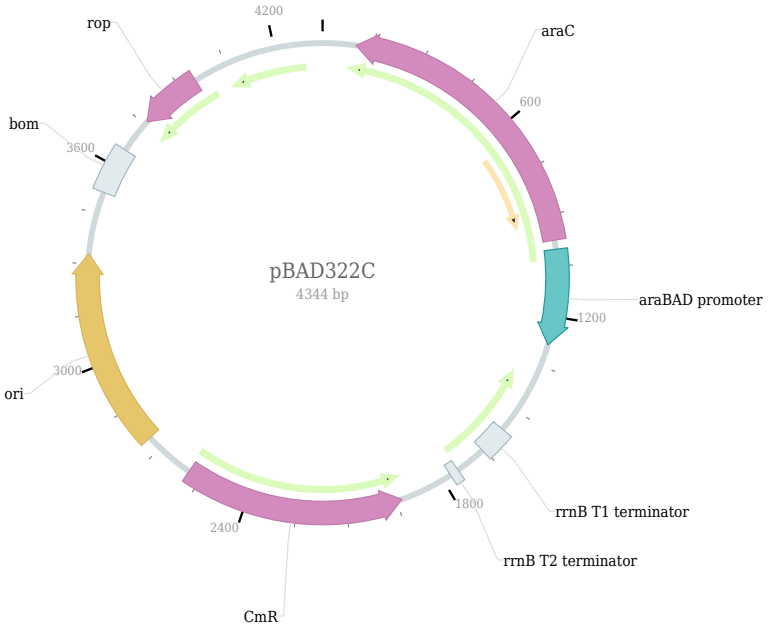
pBAD322C

Vector ID	V009293
Antibiotic Resistance	Chloramphenicol
Length	4344 bp
Vector Type	Expression vector

Product Information

Replication Origin	ori
Source/Author	Cronan JE.
Promoter	araBAD
Growth Strain(s)	Stbl3
Comment	pBAD322C is an E. coli arabinose-inducible expression vector; "C" denotes chloramphenicol. AraC controls the araBAD (PBAD) promoter — L-arabinose induces, glucose represses. It uses a reconstructed pBR322/pMB1 origin with rop, CmR (cat), rrnB T1/T2 terminators and a bom region.

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 ℃.