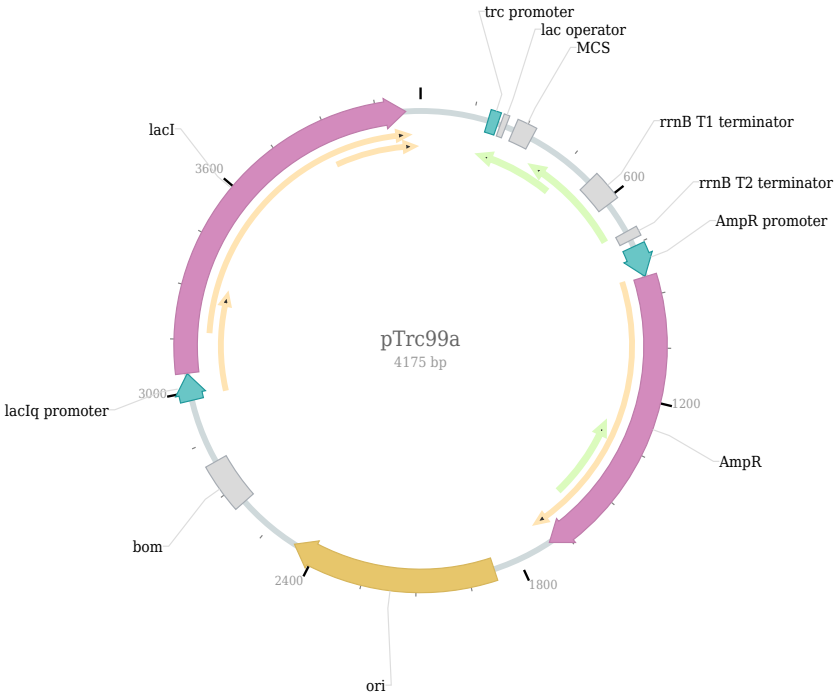
pTrc99a

Vector ID	V012683
Antibiotic Resistance	Ampicillin
Length	4175 bp
Vector Type	Bacterial expression vector

Product Information

Replication Origin	ori
Copy Number	High copy number
Promoter	trc
Cloning Method	Enzyme Cut
5' Primer	GAGCGGATAACAATTTCACACAGG
3' Primer	GATTTAATCTGTATCAGG
Growth Strain(s)	stbl3
Growth Temperature	37℃
Expression Method	IPTG induced
Comment	Tightly regulated trc promoter vectors useful for the expression of unfused and fused proteins in Escherichia coli

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 ℃.