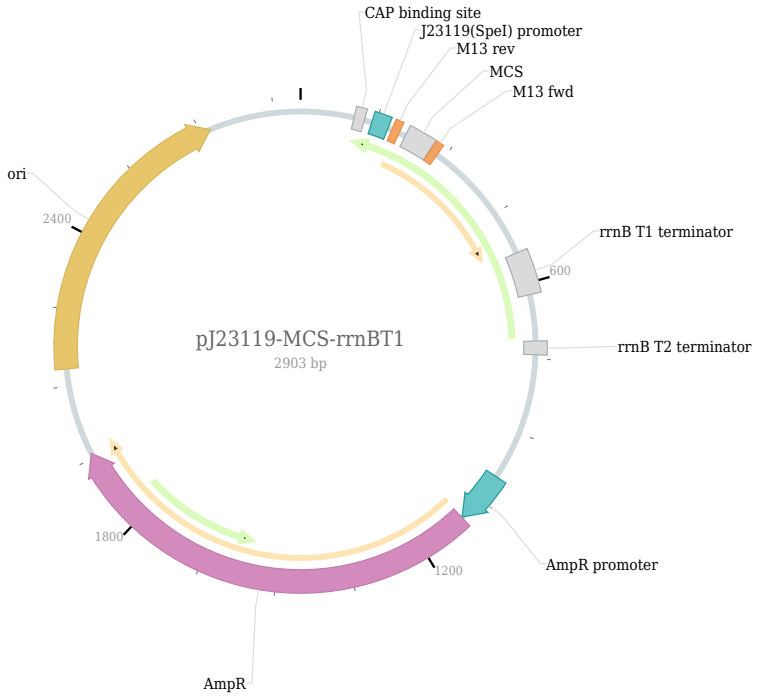
pJ23119-MCS-rrnBT1

Vector ID	V014363
Antibiotic Resistance	Ampicillin
Length	2903 bp
Vector Type	Protein expression
Host	E. coli

Product Information

Replication Origin	ori
Promoter	J23119(SpeI)
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	The pJ23119-MCS-rrnBT1 is a 2903 bp protein expression plasmid for use in E. coli. It features the constitutive J23119 promoter, a multiple cloning site (MCS), and the rrnB T1/T2 transcriptional terminators. The plasmid carries an ampicillin resistance gene (AmpR) for selection and has a high-copy-number pUC origin of replication.

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 ℃.