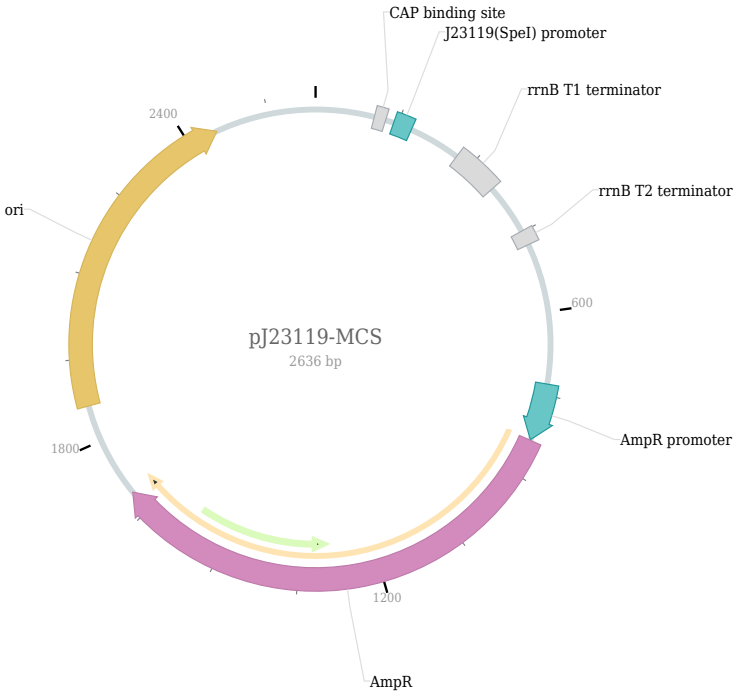
pJ23119-MCS

Vector ID	V013689
Antibiotic Resistance	Ampicillin
Length	2636 bp
Vector Type	Protein expression
Host	E. coli

Product Information

Replication Origin	ori
Promoter	J23119(SpeI)
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	This is a 2636 bp bacterial expression vector, pJ23119-MCS. It features the strong J23119(SpeI) promoter for constitutive gene expression, flanked by CAP binding site and dual rrnB terminators. For cloning flexibility, it contains a multiple cloning site (MCS). The vector supports bacterial propagation via the AmpR resistance gene and origin of replication (ori), making it ideal for protein production.

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 ℃.