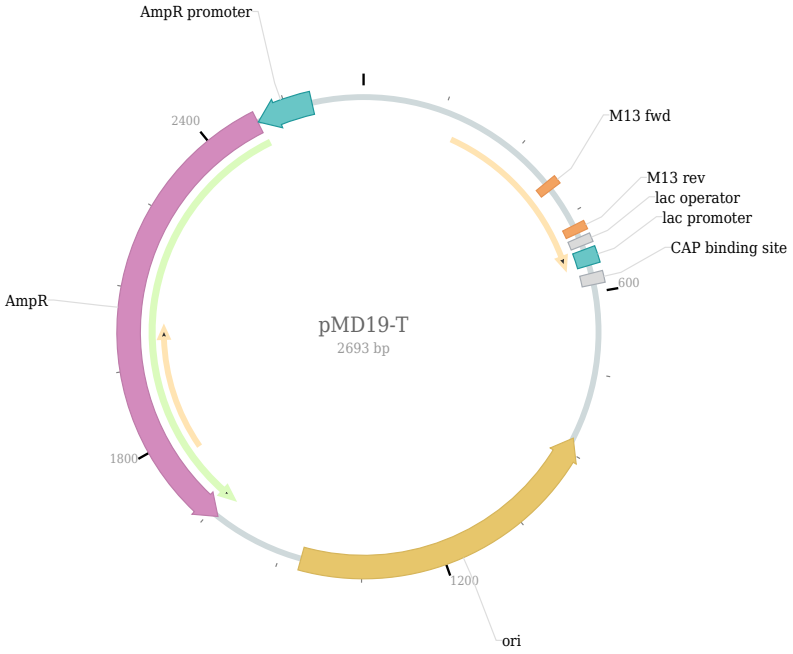
pMD19-T

Vector ID	V017510
Antibiotic Resistance	Ampicillin
Length	2693 bp
Vector Type	TA Cloning Vectors

Product Information

Copy Number	High copy number
Cloning Method	TA cloning
Growth Strain(s)	Top10
Growth Temperature	37℃
Comment	pMD19-T serves as a highly efficient TA cloning vector for rapid ligation and cloning of PCR products. Through complementary pairing between its 3'-T terminus and the A-terminus of PCR products, it enables efficient cloning, sequencing, and subsequent analysis of target genes.

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 ℃.