pJET1.2

Vector ID	V012457
Antibiotic Resistance	Ampicillin
Length	3005 bp
Vector Type	Cloning Vectors

Product Information

Replication Origin	ori
Source/Author	Thermo Scientific (Fermentas)
Copy Number	High copy number
Promoter	lac UV5
Growth Strain(s)	DH10B
Comment	pJET1.2, as a blunt-end cloning vector, is used to ligate PCR products of target genes and subsequently transformed into Escherichia coli DH5α. This provides a qualified gene clone template for subsequent subcloning into expression vectors.

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 ℃.