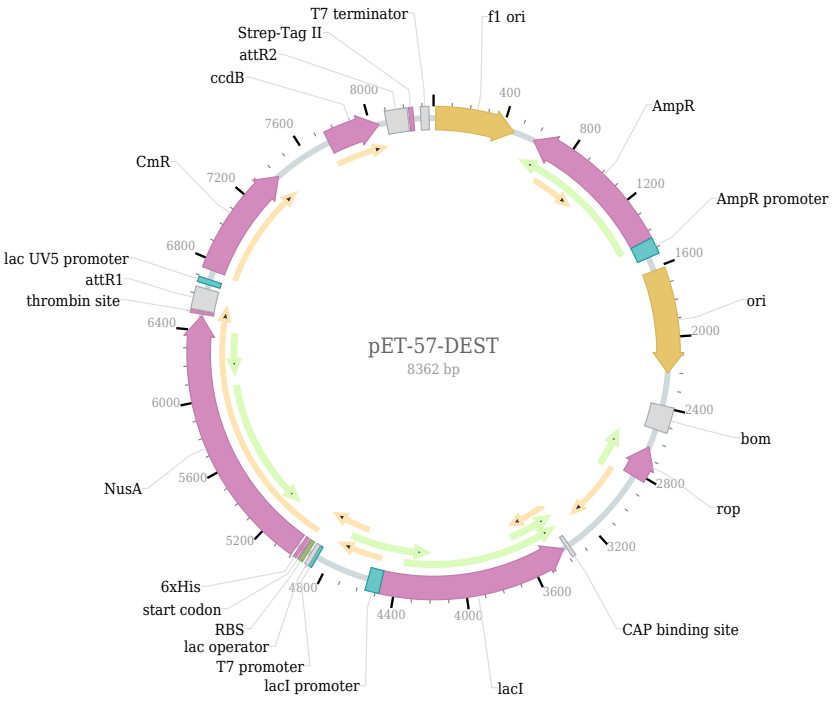
pET-57-DEST

Vector ID	V010944
Antibiotic Resistance	Ampicillin
Length	8362 bp
Vector Type	pET & Duet Vectors (Novagen)

Product Information

Replication Origin	ori
Source/Author	Novagen (EMD Millipore)
Copy Number	High copy number
Comment	pET-57-DEST is a plasmid specifically designed for the high-efficiency expression of exogenous proteins in E. coli. Using Gateway cloning technology, the gene of interest can be rapidly and efficiently transferred into this vector, enabling high-level expression of the target protein fused with an NusA solubility tag and a Strep-Tag II purification tag.

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 ℃.