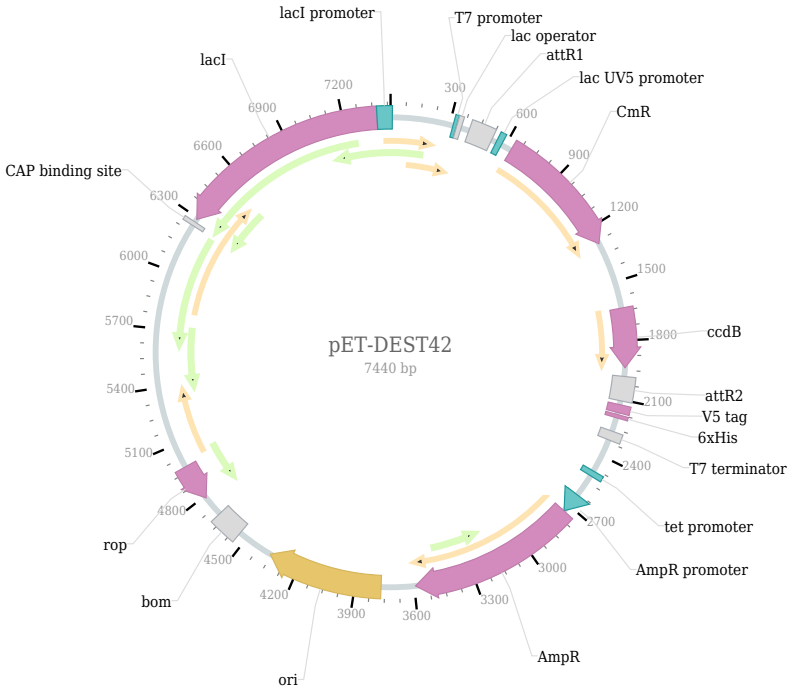
pET-DEST42

Vector ID	V011798
Antibiotic Resistance	Ampicillin
Length	7440 bp
Vector Type	Gateway Cloning Vectors

Product Information

Replication Origin	ori
Source/Author	Invitrogen (Life Technologies)
Copy Number	High copy number
Promoter	tet
Growth Strain(s)	DB3.1
Growth Temperature	37℃
Comment	pET-DEST42 is a Gateway destination vector with T7/lac promoter, C-terminal 6xHis tag, Amp resistance, for LR recombination and IPTG-inducible recombinant protein expression in E. coli.

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 ℃.