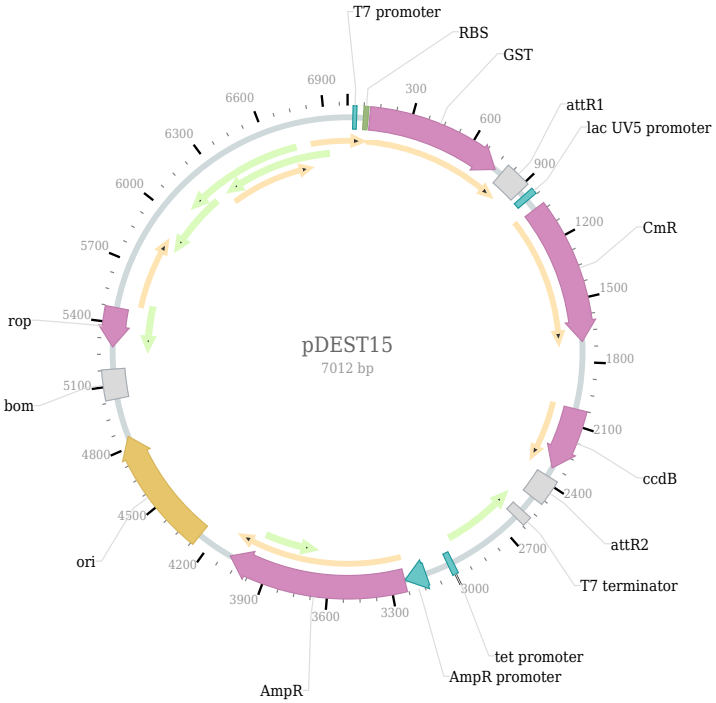
pDEST15

Vector ID	V011837
Antibiotic Resistance	Ampicillin
Length	7012 bp
Vector Type	Gateway Cloning Vectors

Product Information

Replication Origin	ori
Source/Author	Invitrogen (Life Technologies)
Copy Number	High copy number
Promoter	T7
Growth Strain(s)	DB3.1
Comment	Gateway destination vector for inducible high-level expression of N-terminally GST-tagged proteins in bacterial cells. BL21-AI expresses T7 polymerase induced by arabinose and recognizes the T7 promoter, so expression of the protein must be induced by adding arabinose to the medium.

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 ℃.