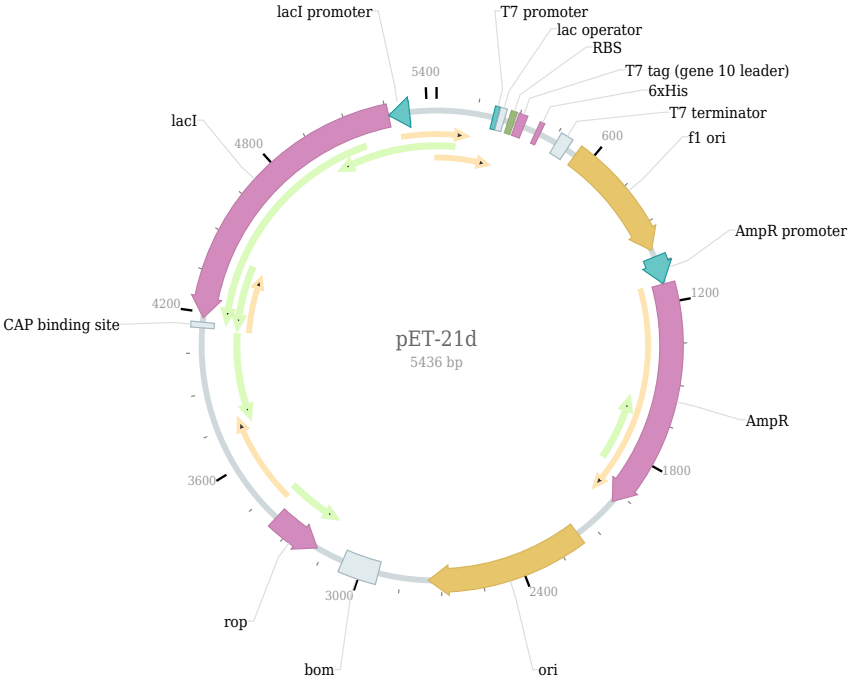
pET-21d

Vector ID	V013635
Accession ID	pET21d
Antibiotic Resistance	Ampicillin
Length	5436 bp
Vector Type	Protein expression
Host	E. coli

Product Information

Replication Origin	ori
Copy Number	Low
Promoter	T7
Growth Strain(s)	DH5a
Growth Temperature	37℃
Comment	pET-21d is a prokaryotic expression vector with T7/lac promoter, C-terminal His-tag, Amp resistance, for high-efficiency IPTG-inducible protein expression and Ni-NTA purification 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 ℃.