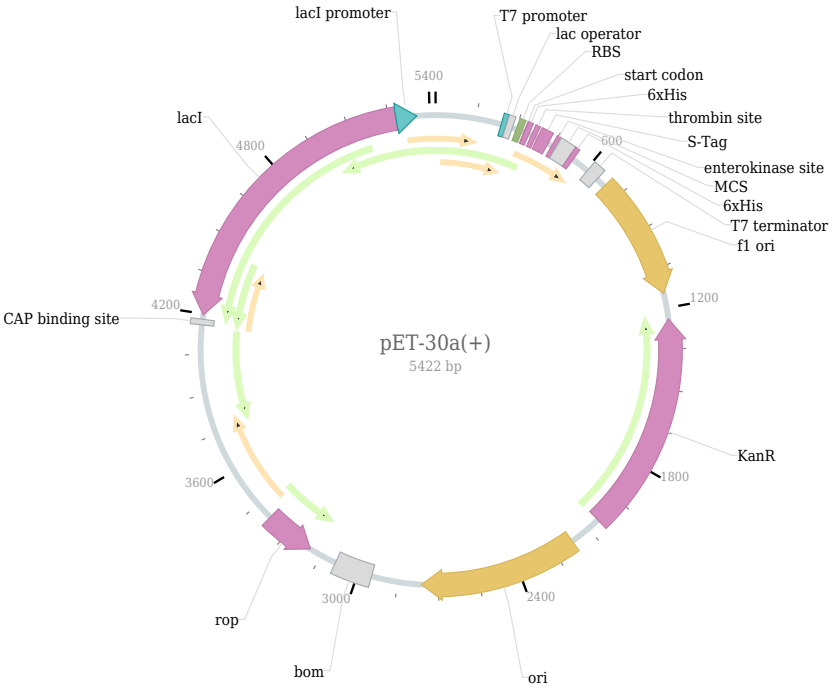
pET-30a(+)

Vector ID	V010995
Antibiotic Resistance	Kanamycin
Length	5422 bp
Vector Type	pET & Duet Vectors (Novagen)

Product Information

Replication Origin	ori
Source/Author	Novagen (EMD Millipore)
Copy Number	High copy number
Growth Strain(s)	stbl3
Growth Temperature	37℃
Comment	pET-30a(+) is a prokaryotic expression vector with T7/lac promoter, N-terminal His-tag and S-tag with enterokinase cleavage site, Kan resistance, for recombinant protein expression and 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 ℃.