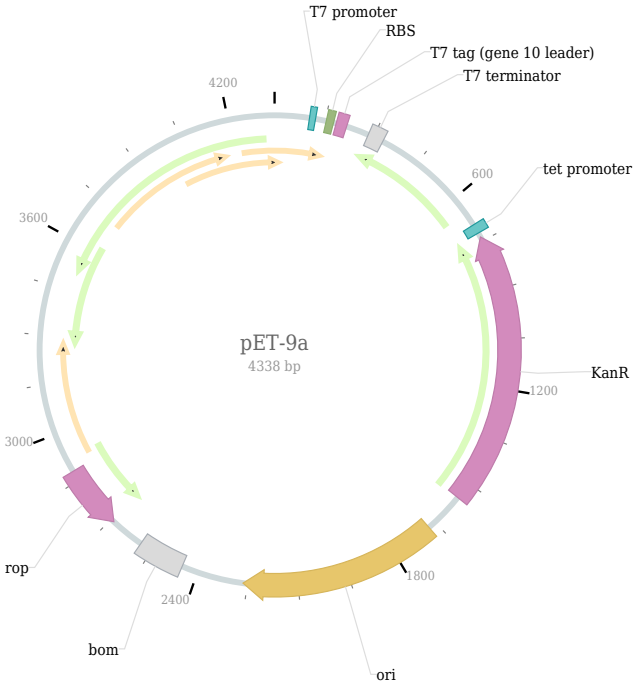
pET-9a

Vector ID	V010938
Antibiotic Resistance	Kanamycin
Length	4338 bp
Vector Type	pET & Duet Vectors (Novagen)

Product Information

Replication Origin	ori
Source/Author	Novagen (EMD Millipore)
Copy Number	High copy number
Promoter	T7
Growth Strain(s)	DH10B
Comment	pET-9a is a prokaryotic expression vector that drives the efficient expression of target antigen proteins in Escherichia coli via the T7 promoter. It provides a core tool for the preparation, purification, and immunogenicity assessment of vaccine candidates.

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 ℃.