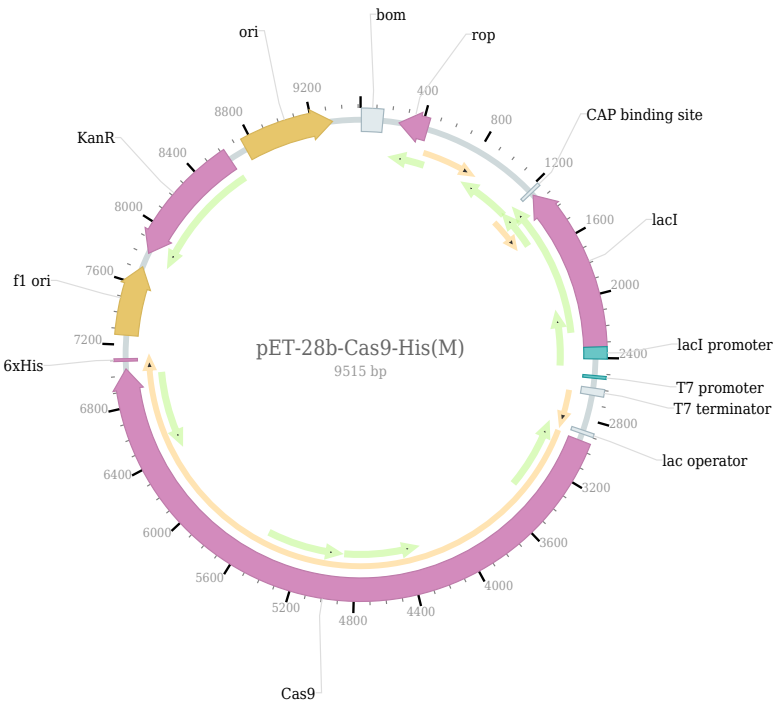
pET-28b-Cas9-His(M)

Vector ID	V013469
Accession ID	pET-28b-Cas9-His-T7
Antibiotic Resistance	Kanamycin
Length	9515 bp
Vector Type	Gene knockout
Host	E. coli

Product Information

Replication Origin	ori
Copy Number	Low
Promoter	T7
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pET-28b-Cas9-His(M) is a prokaryotic expression vector with T7 promoter, His-tagged Streptococcus pyogenes Cas9 nuclease, Kan resistance, for Cas9 protein expression, purification, and CRISPR applications.

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 ℃.