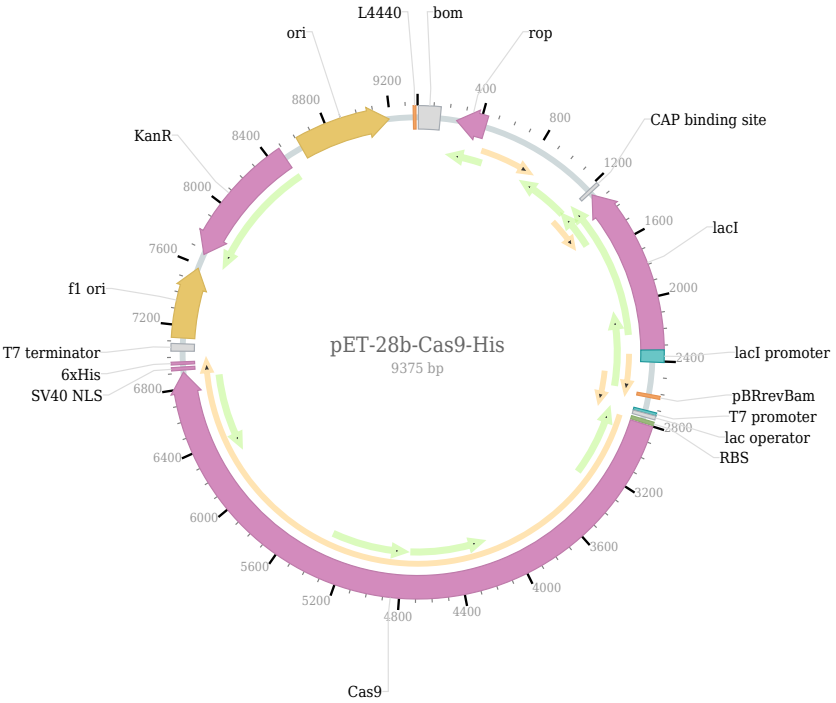
pET-28b-Cas9-His

Vector ID	V006723
Antibiotic Resistance	Kanamycin
Length	9375 bp
Vector Type	Bacterial Expression, CRISPR

Product Information

Replication Origin	ori
Copy Number	High Copy
Cloning Method	Restriction Enzyme
5' Primer	T7
Growth Temperature	37℃
Comment	pET-28b-Cas9-His is a bacterial expression plasmid for in vitro Cas9 protein production and purification. Based on the pET-28b backbone, it encodes a C-terminal His-tagged Cas9, is selected with kanamycin, and is approximately 9,375 bp in size.

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 ℃.