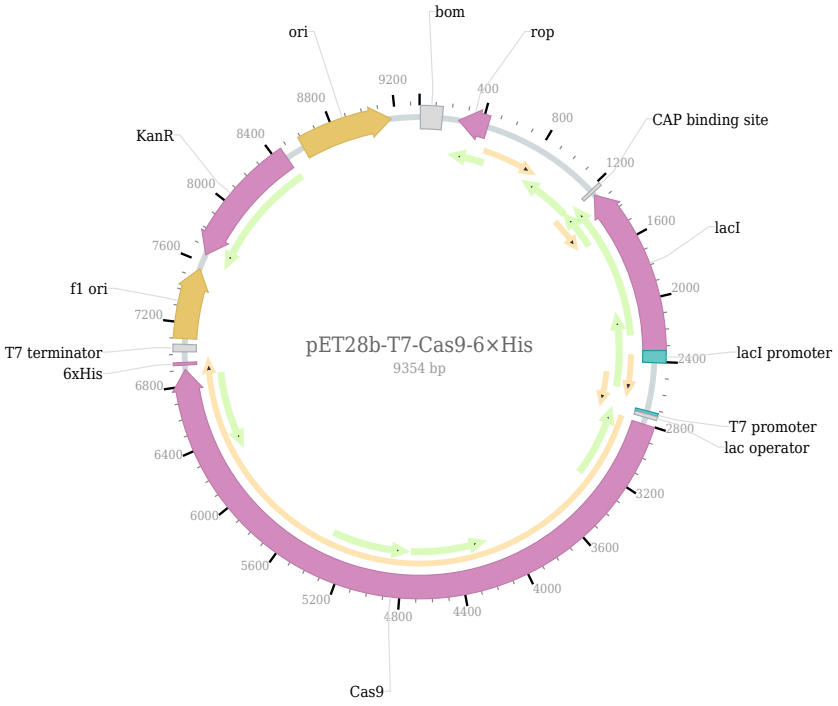
pET28b-T7-Cas9-6×His

Vector ID	V013734
Antibiotic Resistance	Kanamycin
Length	9354 bp
Vector Type	Gene knockout
Host	E. coli

Product Information

Replication Origin	ori
Promoter	T7
Growth Strain(s)	DH5a
Growth Temperature	37℃
Comment	The pET28b-T7-Cas9-6×His is an E. coliexpression vector. It uses a T7 promoter to drive the production of Cas9 nuclease fused to a C-terminal 6×His tag for purification, with kanamycin resistance for selection.

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 ℃.