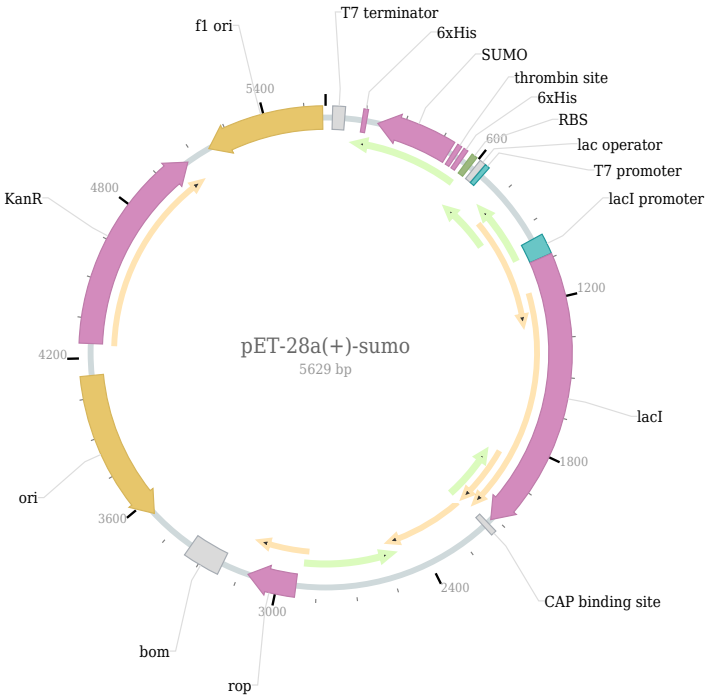
pET-28a(+)-sumo

Vector ID	V007338
Antibiotic Resistance	Kanamycin
Length	5629 bp
Vector Type	E. coli Expression Vectors

Product Information

Replication Origin	ori
Promoter	T7/lac
5' Primer	T7: 5'-TAATACGACTCACTATAGGG-3'
3' Primer	T7t: 5'-GCTAGTTATTGCTCAGCGG-3'
Fusion Tag	N-His, N-Thrombin, N-sumo
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	An e.coli expression vector pET-28a fused with N-His, N-Thrombin, and N-sumo. Designed for Ni-NIA affinity purification and tag removal.

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 ℃.