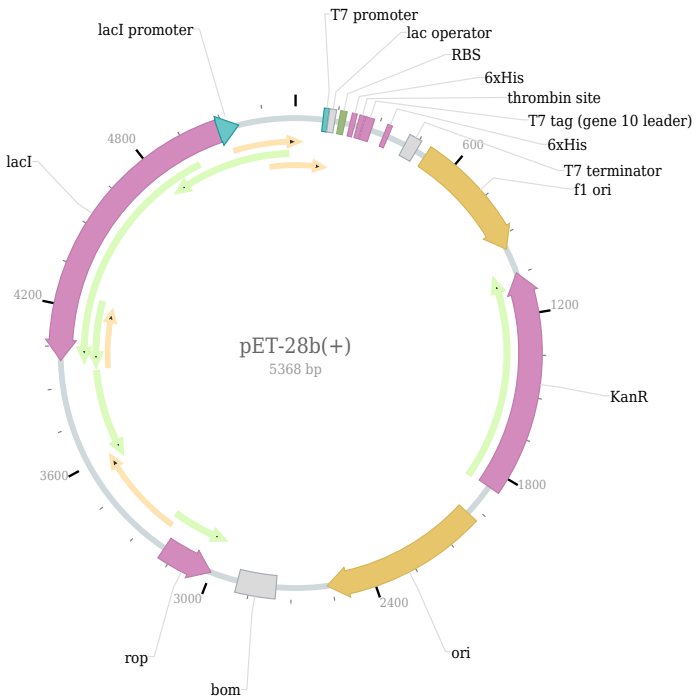
pET-28b(+)

Vector ID	V011004
Antibiotic Resistance	Kanamycin
Length	5368 bp
Vector Type	pET & Duet Vectors (Novagen)

Product Information

Replication Origin	ori
Source/Author	Novagen (EMD Millipore)
Copy Number	High copy number
Growth Strain(s)	DH10B
Comment	pET-28b(+) is a bacterial expression vector for IPTG-inducible protein production. It features a T7 promoter, N-terminal 6xHis-thrombin-T7 tag, and an optional C-terminal 6xHis tag. Selection is with KanR (kanamycin). The low-copy pBR322 origin (15-20 copies/cell) minimizes metabolic burden

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 ℃.