pET22b-Taq-6×His

Vector ID	V013905
Antibiotic Resistance	Ampicillin
Length	7935 bp
Vector Type	Protein expression
Host	E. coli

Product Information

Replication Origin	ori
Promoter	T7
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pET22b-Taq-6xHis is a prokaryotic expression vector with T7 promoter, Taq DNA polymerase fused with C-terminal 6xHis tag, Amp resistance, for thermostable DNA polymerase expression and purification from E. coli. The Taq is from Thermus aquaticus DNA polymerase (PolI) gene, GenBank: J04639.1.

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 ℃.