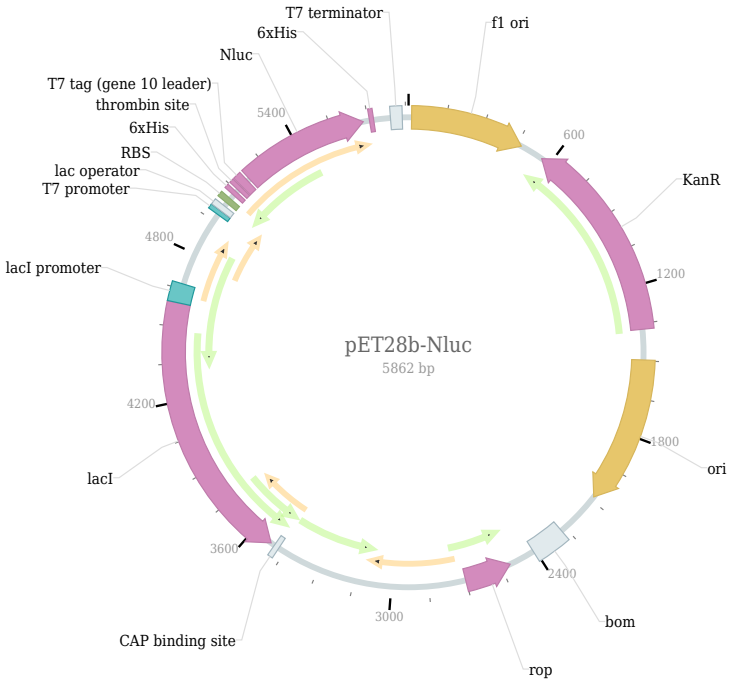
pET28b-Nluc

Vector ID	V015172
Antibiotic Resistance	Kanamycin
Length	5862 bp
Vector Type	Signal transduction
Host	E. coli

Product Information

Replication Origin	ori
Promoter	T7
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	This is a 5866 bp prokaryotic expression vector, pET28b-Nluc. It is designed for expression of the Nluc gene with a 6xHis tag, driven by the T7 promoter. The vector contains a thrombin site and utilizes lacI for repression. It also features KanR, ori, and f1 ori for bacterial selection and replication.

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 ℃.