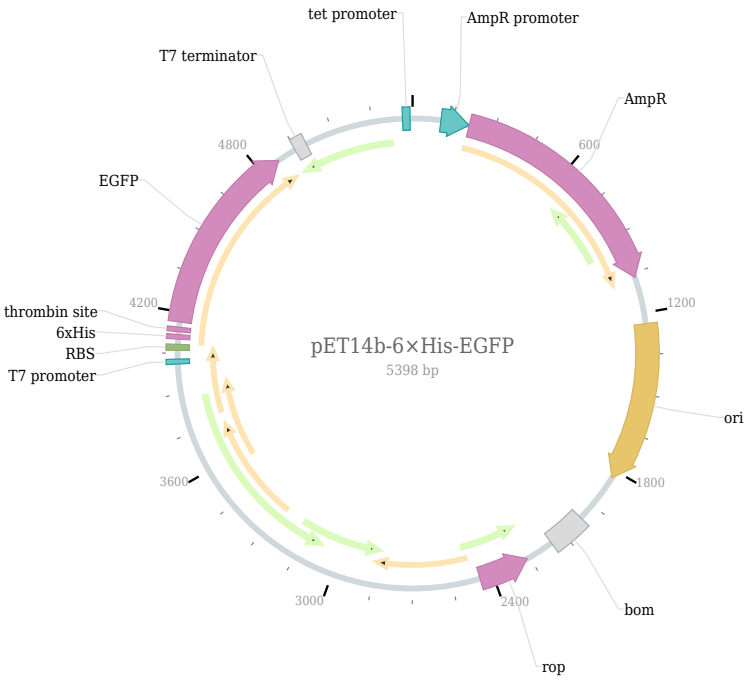
pET14b-6×His-EGFP

Vector ID	V014342
Antibiotic Resistance	Ampicillin
Length	5398 bp
Vector Type	Protein expression
Host	E. coli

Product Information

Replication Origin	ori
Promoter	T7
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	The pET14b-6×His-EGFP plasmid is a plasmid designed for protein expression that contains a fusion gene consisting of the 6×His tag and EGFP (green fluorescent protein). It is commonly used for protein labeling and quantitative analysis. This plasmid is suitable for expressing proteins in E. coli and for observing the localization and dynamic changes of the target protein using fluorescence microscopy.

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 ℃.