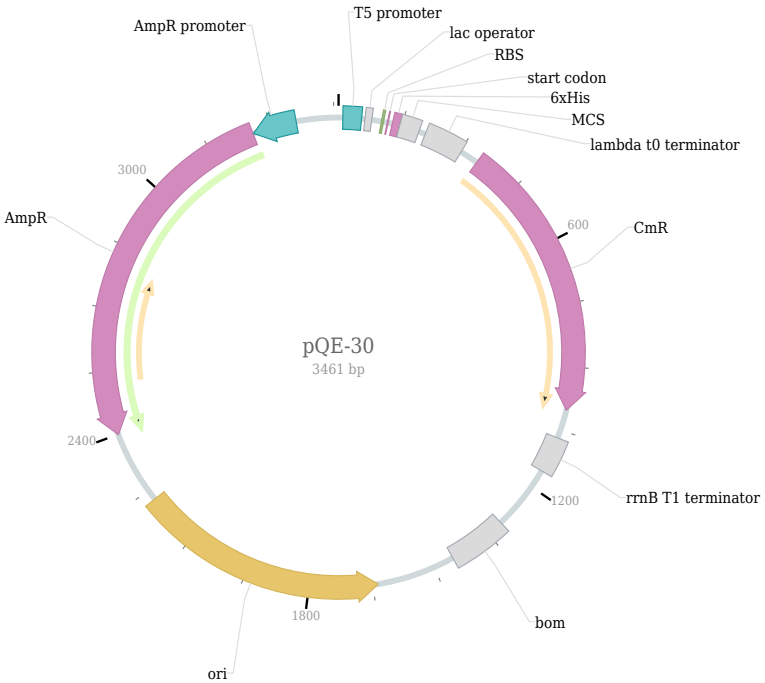
pQE-30

Vector ID	V010794
Antibiotic Resistance	Ampicillin
Length	3461 bp
Vector Type	Qiagen Vectors

Product Information

Replication Origin	ori
Source/Author	Qiagen
Copy Number	High copy number
Promoter	T5
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pQE-30 is an E. coli expression vector with a phage T5 promoter bearing two lac operators, synthetic RBS, and an N-terminal 6xHis (MRGSH6GS) tag. IPTG-inducible expression enables Ni-NTA purification of recombinant proteins under native or denaturing conditions.

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 ℃.