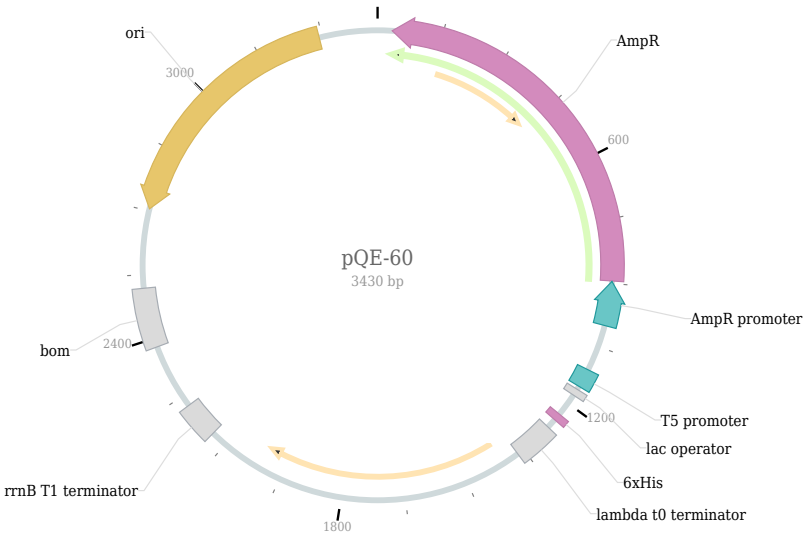
pQE-60

Vector ID	V010782
Antibiotic Resistance	Ampicillin
Length	3430 bp
Vector Type	Qiagen Vectors

Product Information

Replication Origin	ori
Source/Author	Qiagen
Copy Number	High copy number
Promoter	T5
Growth Temperature	37℃
Comment	The pQE-60 vector is a prokaryotic expression vector, featuring a T5 promoter and dual lac operators (IPTG-inducible), a ColE1 origin of replication, and ampicillin resistance. It introduces a C-terminal 6×His tag into the target protein to facilitate purification [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 ℃.