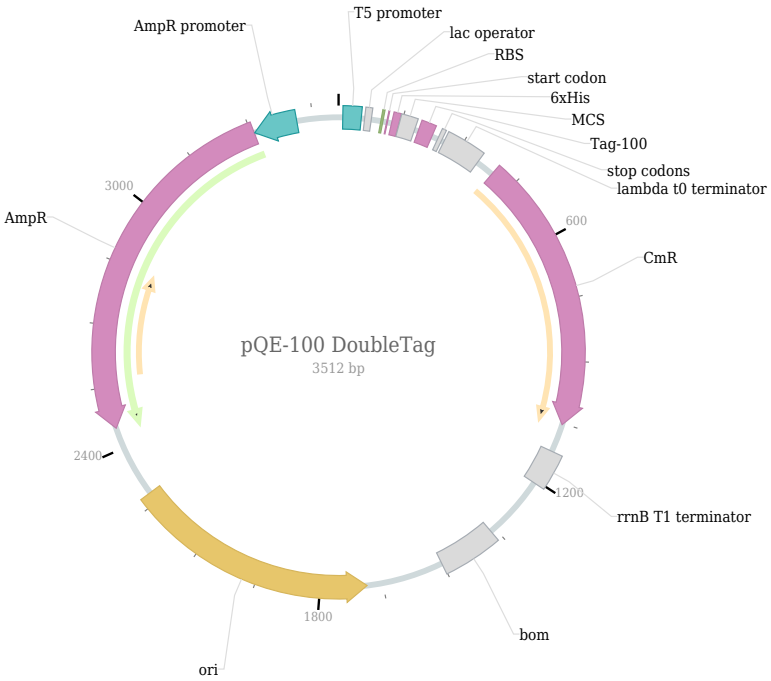
pQE-100 DoubleTag

Vector ID	V010809
Antibiotic Resistance	Ampicillin
Length	3512 bp
Vector Type	Qiagen Vectors

Product Information

Replication Origin	ori
Source/Author	Qiagen
Copy Number	High copy number
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pQE-100 DoubleTag is a dual-tag bacterial expression vector generating proteins with an N-terminal His6 tag and C-terminal Tag-100 epitope from the T5/lac promoter. Supports sequential two-step affinity purification and improved recovery of full-length recombinant proteins (Coulombe & Meloche 2002).

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 ℃.