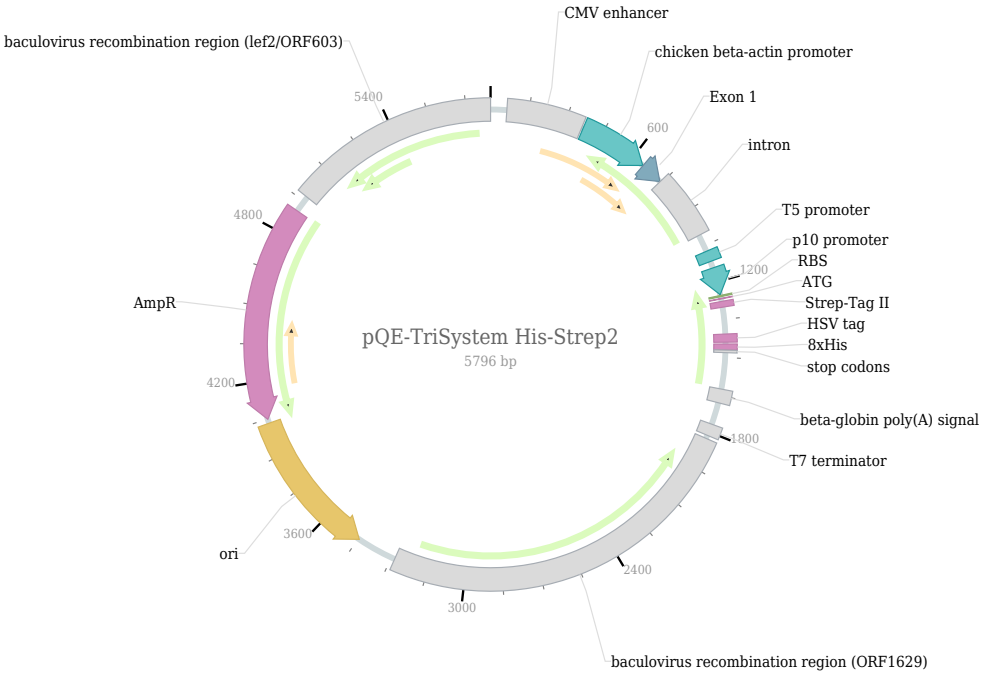
pQE-TriSystem His-Strep2

Vector ID	V011597
Antibiotic Resistance	Ampicillin
Length	5796 bp
Vector Type	Insect Cell Vectors

Product Information

Replication Origin	ori
Source/Author	Qiagen
Copy Number	High copy number
Promoter	chicken β-actin
Growth Strain(s)	Top10
Comment	pQE-TriSystem His-Strep2 is a triple-host expression vector active in E. coli (T5 promoter), insect cells (p10 promoter), and mammalian cells (chicken β-actin promoter), allowing one construct to be evaluated across three systems. Fusions carry both His6 and Strep-tag II labels for sequential two-step affinity purification.

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 ℃.