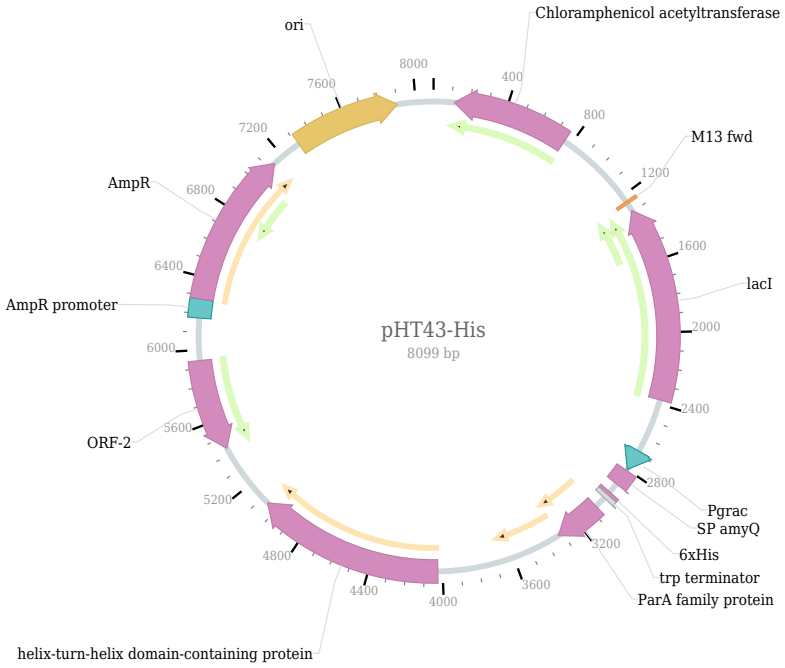
pHT43-His

Vector ID	V012989
Accession ID	pHT43-6×His
Antibiotic Resistance	Ampicillin
Length	8099 bp
Vector Type	Protein expression, Secretory expression
Host	Bacillus subtilis

Product Information

Replication Origin	ori
Selection Marker	Chl
Promoter	Pgrac
Growth Strain(s)	DH5a
Growth Temperature	37℃
Comment	pHT43-His is a specialized plasmid designed for the IPTG-inducible secretory expression and subsequent purification of recombinant proteins in Bacillus subtilis.

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 ℃.