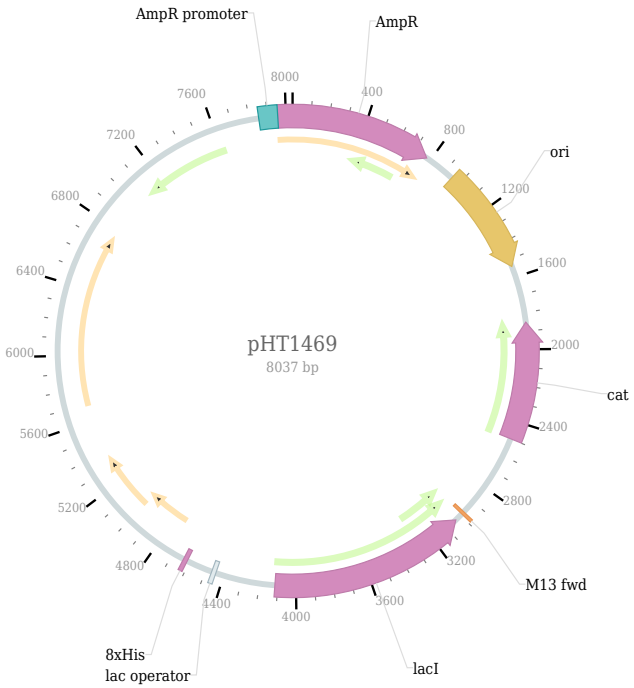
pHT1469

Vector ID	V013195
Accession ID	pHT-1469
Antibiotic Resistance	Ampicillin
Length	8037 bp
Vector Type	Protein expression, Secretory expression
Host	Bacillus subtilis

Product Information

Replication Origin	ori
Selection Marker	Chl
Promoter	Pgrac
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	This is an 8037 bp bacterial expression vector, pHT1469. It is designed to express the target gene fused with an N-terminal 8xHis tag, driven by the TEF promoter. The vector includes the cat gene for chloramphenicol resistance and the lac operator/lacI system for gene regulation. It also features the AmpR gene for ampicillin resistance and the ori for bacterial propagation.

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 ℃.