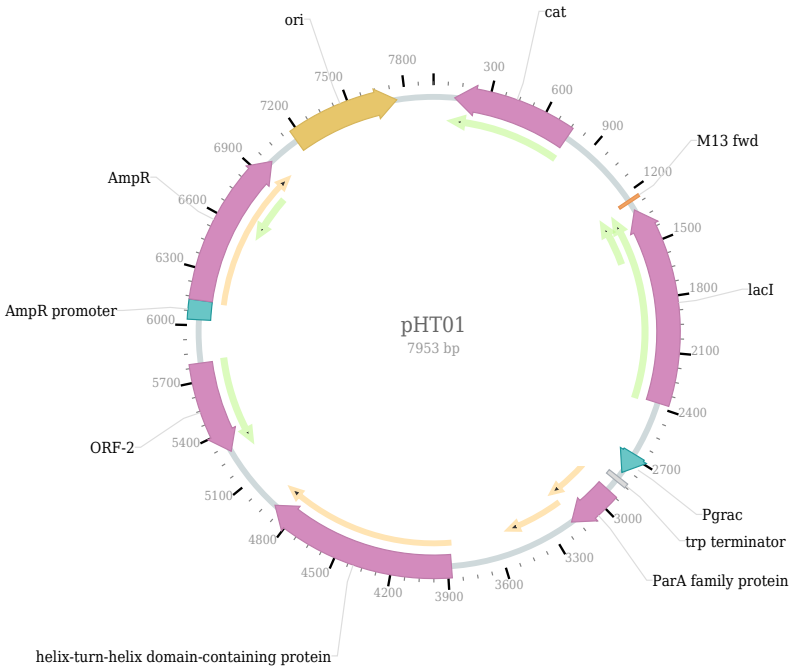
pHT01

Vector ID	V001452
Antibiotic Resistance	Ampicillin
Length	7953 bp
Vector Type	Bacillus subtilis expression vectors

Product Information

Replication Origin	ori
Promoter	grac
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pHT01 is a shuttle vector for E. coli and B. subtilis. It uses IPTG-inducible Pgrac promoter for intracellular protein expression, with dual antibiotic markers for clone screening and seamless gene cloning.

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 ℃.