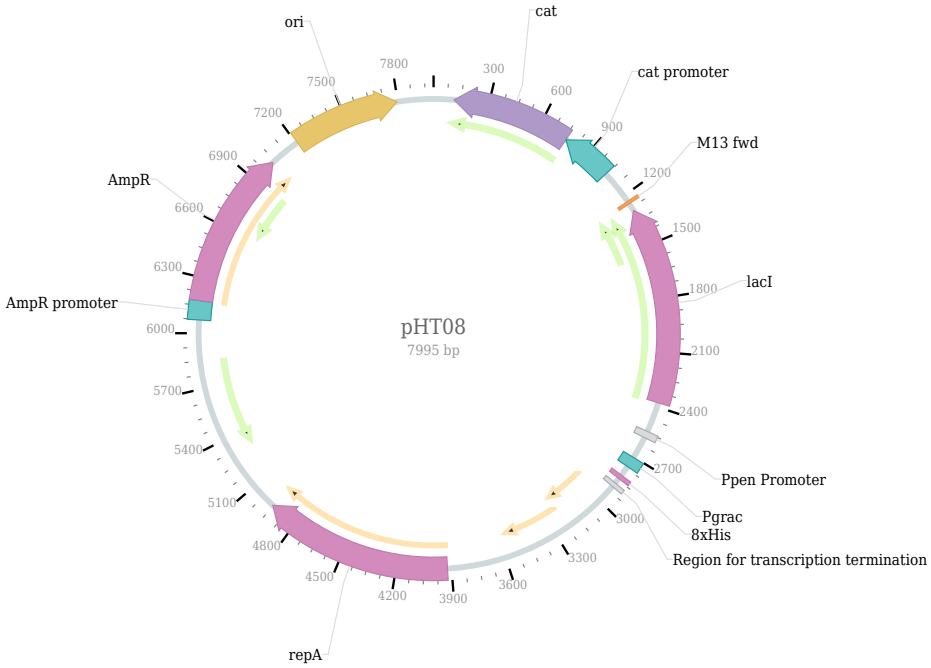
pHT08

载体编号 Vector ID	V047701
抗性 Antibiotic Resistance	Ampicillin, Chloramphenicol
长度 Length	7995 bp
载体类型 Vector Type	Expression vector
宿主 Host	Bacillus subtilis

产品信息

复制子 Replication Origin	ori
启动子 Promoter	Pgrac
融合标签 Fusion Tag	8xHis
培养菌株 Growth Strain(s)	DH5a
培养温度 Growth Temperature	37℃
表达方式 Expression Method	IPTG induced
备注 Comment	pHT08 is an IPTG-inducible expression vector derived from pHT01 within the B. subtilis Pgrac01 expression system. It is designed for intracellular protein production in Bacillus subtilis, with a sequence encoding a C-terminal 8×His tag fused to the target protein. The Pgrac01 promoter coupled with the lac operator enables controlled gene expression upon IPTG induction. The 8×His tag facilitates straightforward affinity purification of the recombinant protein after expression.

质粒图谱



复溶方法

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 ℃.