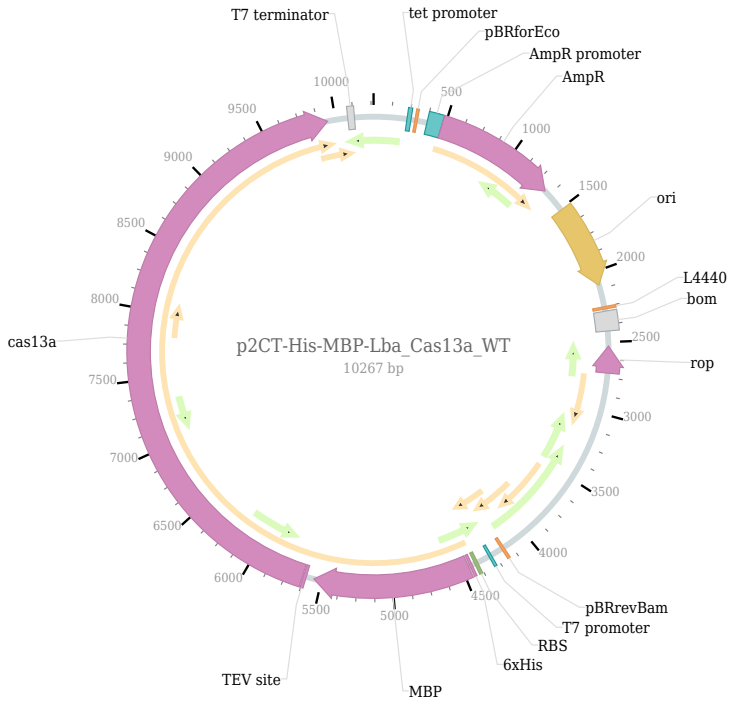
p2CT-His-MBP-Lba_Cas13a_WT

载体编号 Vector ID	V000836
抗性 Antibiotic Resistance	Ampicillin
长度 Length	10267 bp
载体类型 Vector Type	Bacterial Expression

产品信息

复制子 Replication Origin	ori
拷贝数 Copy Number	High Copy
启动子 Promoter	tet
克隆方法 Cloning Method	Ligation Independent Cloning
培养菌株 Growth Strain(s)	DH10B
备注 Comment	p2CT-His-MBP-Lba_Cas13a_WT is employed for prokaryotic expression of the dual-tagged LbaCas13a wild-type protein, enabling validation of its RNA-targeting binding and cleavage activity. This provides a tool for orthogonality studies of VI-A type CRISPR-Cas enzymes.

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 ℃.