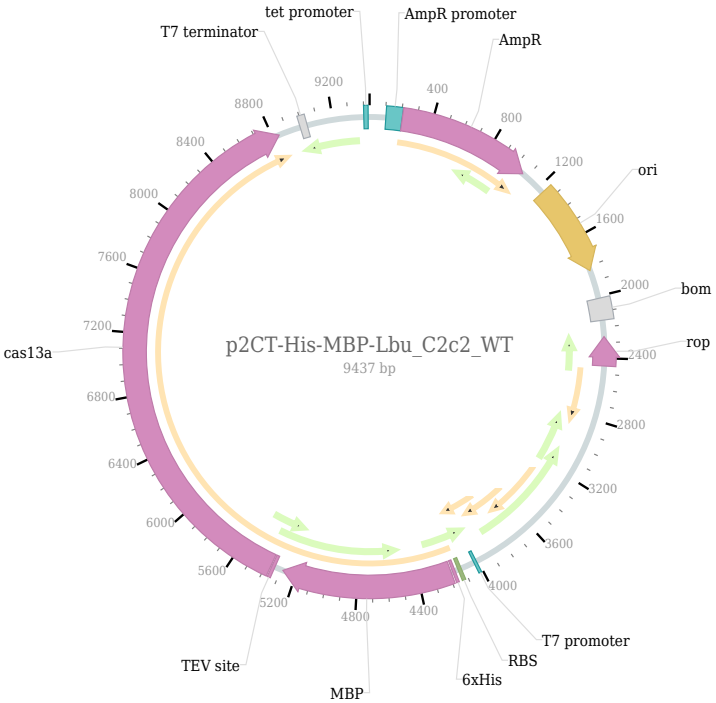
p2CT-His-MBP-Lbu_C2c2_WT

Vector ID	V010157
Antibiotic Resistance	Ampicillin
Length	9437 bp
Vector Type	CRISPR Plasmids

Product Information

Replication Origin	ori
Source/Author	Jennifer Doudna
Copy Number	High copy number
Promoter	tet
Cloning Method	Enzyme Cut
5' Primer	T7 promoter
3' Primer	T7 terminator
Fusion Tag	MBP
Expression Method	IPTG induced
Comment	Bacterial expression of WT L. buccalis C2c2 CRISPR effector. Codon optimized for E. Coli expression. His-MBP fusion tag can be removed with TEV protease.

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 ℃.