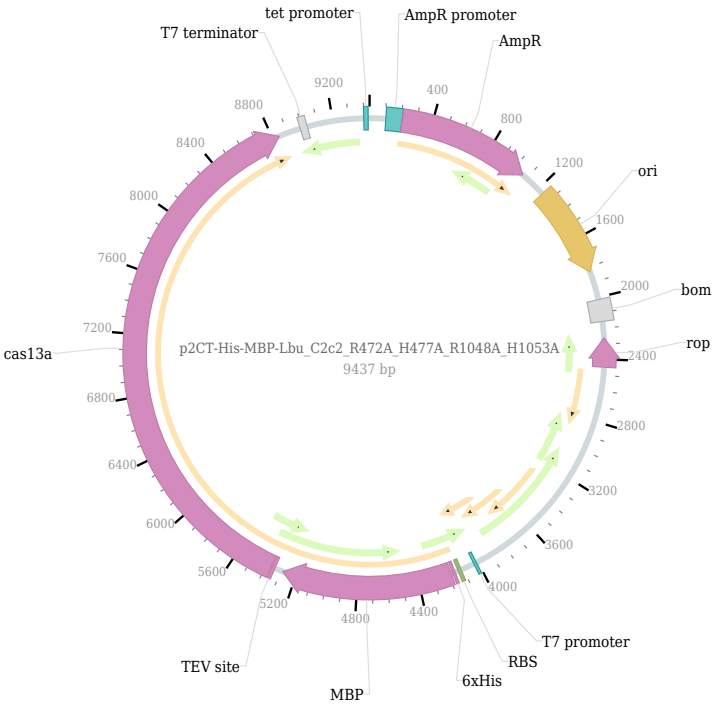
p2CT-His-MBP-Lbu_C2c2_R472A_H477A_R1048A_H1053A

Vector ID	V010155
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	Gene/Insert name Lbu_C2c2_R472A_H477A_R1048A_H1053A Species Leptotrichia buccalis Insert Size (bp) 3477 Mutation R472A, H477A, R1048A, H1053A GenBank IDGI_506250229 Tag / Fusion Protein His6-MBP (N terminal on insert)

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 ℃.