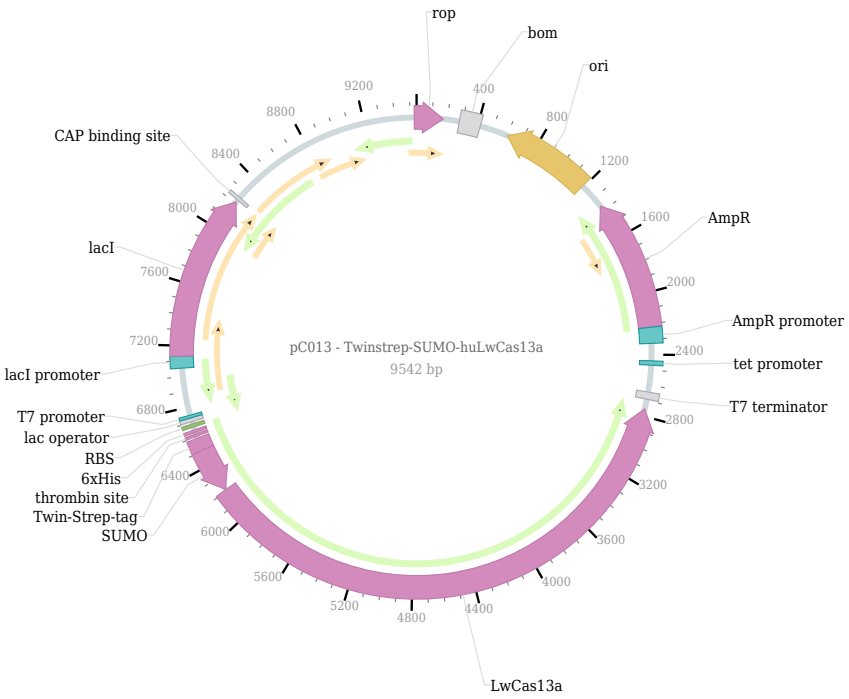
pC013 - Twinstrep-SUMO-huLwCas13a

载体编号 Vector ID	V000868
抗性 Antibiotic Resistance	Ampicillin
长度 Length	9542 bp
载体类型 Vector Type	Bacterial Expression

产品信息

复制子 Replication Origin	ori
拷贝数 Copy Number	Low Copy
备注 Comment	pC013-Twinstrep-SUMO-huLwCas13a is a bacterial expression plasmid based on the pET backbone. It encodes a human-codon-optimized LwCas13a protein with an N-terminal 6xHis-TwinStrep-SUMO tag for purification. This vector is used for producing the Cas13a protein for CRISPR-based diagnostic applications.

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 ℃.