# 6-His-MBP-TEV-FnCpf1

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| **载体编号 Vector ID** | V010156 |
| **抗性 Antibiotic Resistance** | Ampicillin |
| **长度 Length** | 10685 bp |
| **载体类型 Vector Type** | CRISPR Plasmids |

## 产品信息

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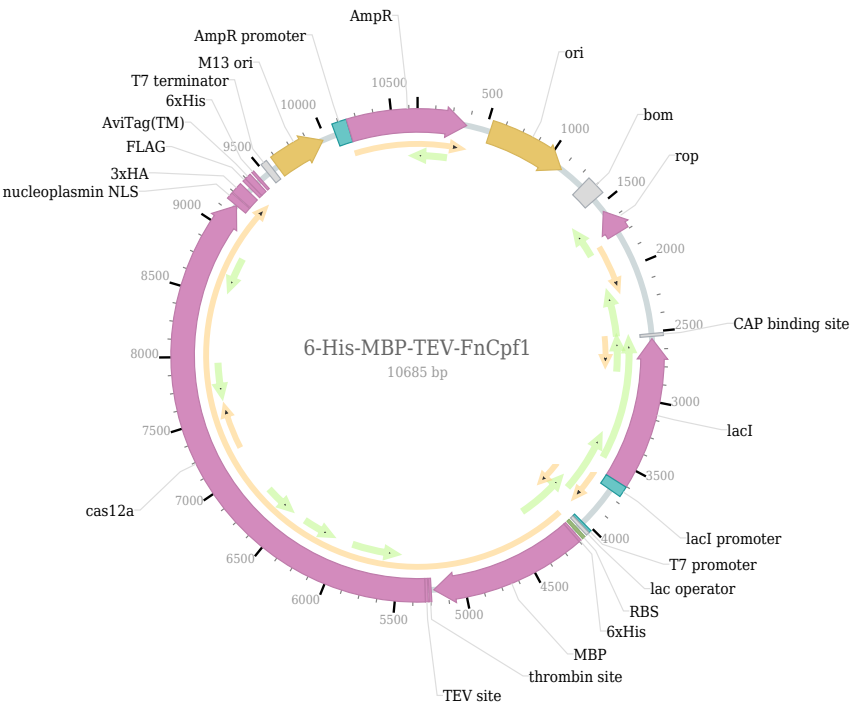
| **复制子 Replication Origin** | ori |
| **来源 Source/Author** | Feng Zhang |
| **拷贝数 Copy Number** | High copy number |
| **启动子 Promoter** | T7 |
| **克隆方法 Cloning Method** | Enzyme Cut |
| **5' 引物 5' Primer** | T7 promoter |
| **3' 引物 3' Primer** | T7 terminator |
| **融合标签 Fusion Tag** | MBP |
| **表达方式 Expression Method** | IPTG induced |
| **备注 Comment** | Gene/Insert name FnCpf1 (humanized) Alt name type V CRISPR-associated protein Cpf1 (humanized) Alt name Cpf1 (humanized) Alt name Francisella tularensis subsp. novicida U112 Cpf1 (humanized) Species Francisella tularensis subsp. novicida U112 Insert Size (bp) 3910 Promoter T7 Tags / Fusion Proteins 6xHis (N terminal on backbone) MBP (N terminal on insert) TEV site (N terminal on insert) Nucleoplasmin NLS (C terminal on insert) 3xHA (C terminal on insert) |

## 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 ℃.