# pEU-E01-MCS

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| **载体编号 Vector ID** | V012997 |
| **抗性 Antibiotic Resistance** | Ampicillin |
| **长度 Length** | 3747 bp |
| **载体类型 Vector Type** | Protein expression |
| **宿主 Host** | Cell-free |

## 产品信息

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| **复制子 Replication Origin** | ori |
| **启动子 Promoter** | SP6 |
| **培养菌株 Growth Strain(s)** | DH10B |
| **培养温度 Growth Temperature** | 37℃ |
| **备注 Comment** | pEU-E01-MCS, serving as a vector for the wheat germ cell-free expression system, efficiently expresses target membrane proteins via the SP6 promoter and E01 enhancer. It supports in vitro synthesis and functional analysis, thereby aiding research into membrane protein transport mechanisms. |

## 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 ℃.