# MSGV-1D3-28Z-Puro-EGFP

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| **载体编号 Vector ID** | V015132 |
| **抗性 Antibiotic Resistance** | Ampicillin |
| **长度 Length** | 9613 bp |
| **载体类型 Vector Type** | Protein expression, Antibody expression |
| **宿主 Host** | Mammalian cells, Retrovirus |

## 产品信息

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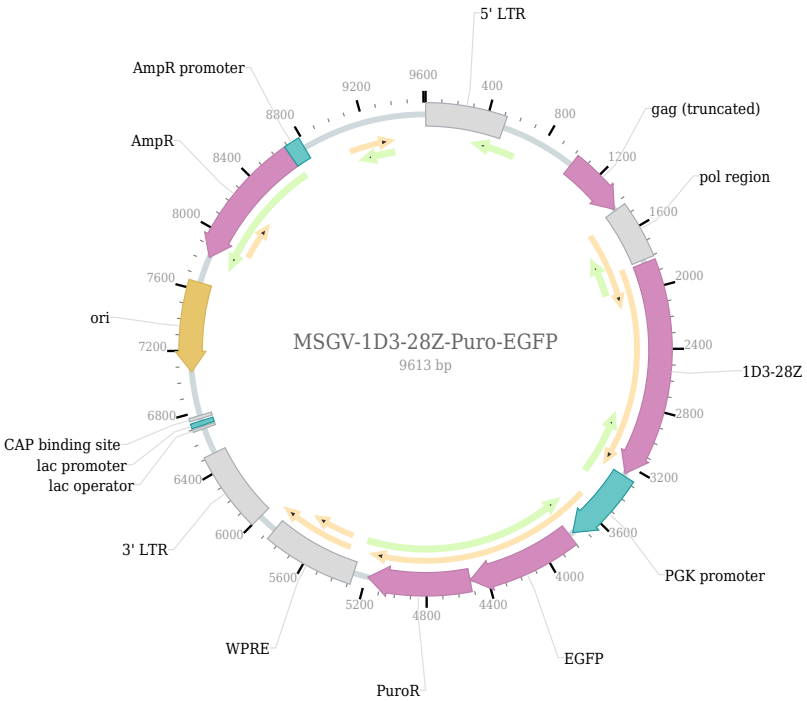
| **复制子 Replication Origin** | ori |
| **筛选标记 Selection Marker** | Puro |
| **启动子 Promoter** | MSCV |
| **5' 引物 5' Primer** | MSGV-1D3-28Z All ITAMs intact |
| **3' 引物 3' Primer** | pEGFP-C-5' |
| **培养菌株 Growth Strain(s)** | Stbl3 |
| **培养温度 Growth Temperature** | 37℃ |
| **备注 Comment** | MSGV-1D3-28Z-Puro-EGFP is a gamma-retroviral CAR-T vector based on MSGV backbone, driven by MSCV promoter, expressing anti-mouse CD19 CAR (1D3-28Z) with EGFP tracking and puromycin selection. |

## 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 ℃.