# pEGFP-mem

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| **载体编号 Vector ID** | V013594 |
| **抗性 Antibiotic Resistance** | Kanamycin |
| **长度 Length** | 4781 bp |
| **载体类型 Vector Type** | Subcellular localization |
| **宿主 Host** | Mammalian cells |

## 产品信息

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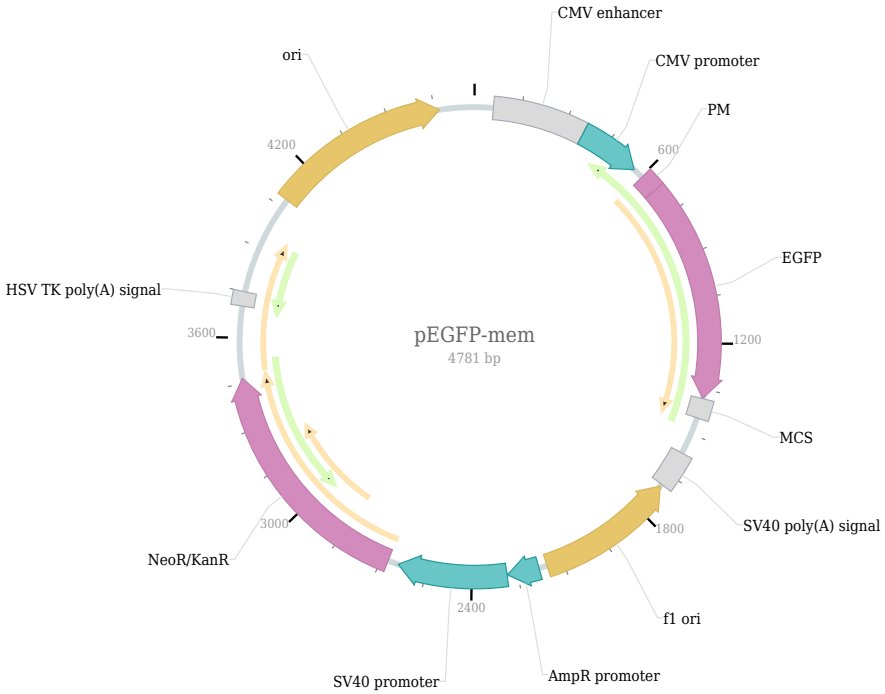
| **复制子 Replication Origin** | ori |
| **筛选标记 Selection Marker** | Neo/G418 |
| **启动子 Promoter** | CMV |
| **培养菌株 Growth Strain(s)** | DH10B |
| **培养温度 Growth Temperature** | 37℃ |
| **备注 Comment** | pEGFP-mem is a pEGFP-N1–derived mammalian expression construct in which the human GAP43 plasma membrane–tethering sequence (MLCCMRRTKQVEKNDEDQKI) was cloned in-frame and fused to EGFP; it is used for labeling and imaging of the plasma membrane. Plasma membrane targeting sequence, MLCCMRRTKQVEKNDEDQKI, corresponding to the N-terminal end of the Homo sapiens Growth Associated Protein 43 (GAP43) gene, used for labeling and imaging of the plasma membrane. |

## 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 ℃.