# pcDNA3.1-Phgdh(mouse)-3xFLAG

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| **载体编号 Vector ID** | V025064 |
| **登录号 Accession ID** | NM_016966.3 |
| **抗性 Antibiotic Resistance** | Ampicillin |
| **长度 Length** | 7049 bp |
| **载体类型 Vector Type** | Protein expression |
| **宿主 Host** | Mammalian cells |

## 产品信息

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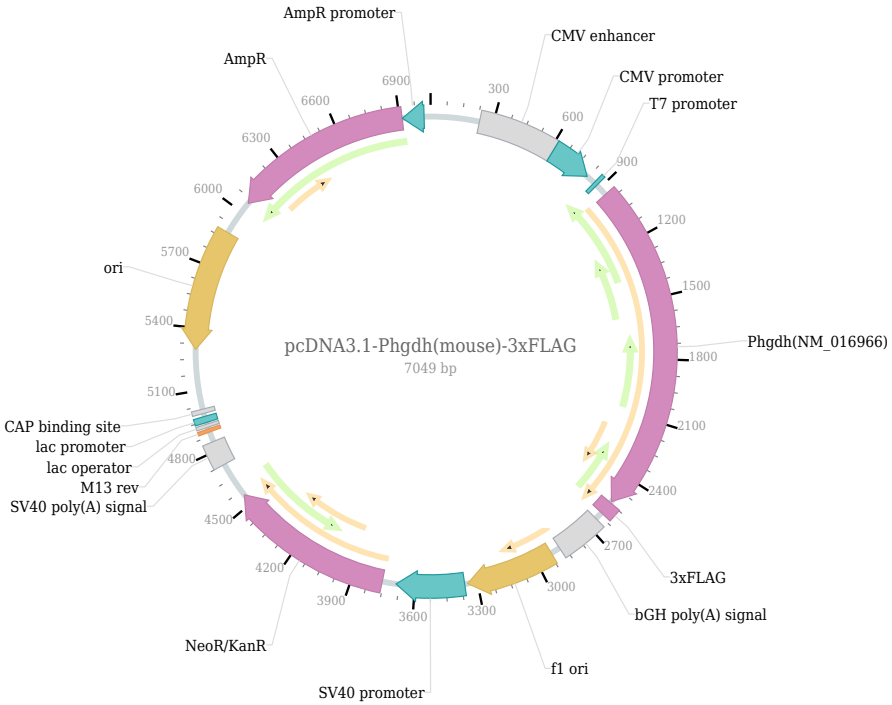
| **复制子 Replication Origin** | ori |
| **筛选标记 Selection Marker** | Neo/G418 |
| **启动子 Promoter** | CMV |
| **融合标签 Fusion Tag** | 3xFLAG |
| **培养菌株 Growth Strain(s)** | DH10B |
| **表达方式 Expression Method** | Transient |
| **备注 Comment** | This is a 7049 bp mammalian expression vector, pcDNA3.1-Phgdh(mouse)-3xFLAG. It drives constitutive expression of the mouse Phgdh gene, tagged with 3xFLAG, under the control of the CMV promoter. The vector includes a HygR gene for stable transfection selection and a Neomycin resistance gene (NeoR/KanR) for mammalian cells. For bacterial propagation, it contains an AmpR gene, a pVS1 origin, and a T7 promoter. |

## 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 ℃.