# MSCV IRES Luciferase

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| **载体编号 Vector ID** | V016728 |
| **抗性 Antibiotic Resistance** | Ampicillin |
| **长度 Length** | 7350 bp |
| **载体类型 Vector Type** | Protein expression |
| **宿主 Host** | Mammalian cells, Retrovirus |

## 产品信息

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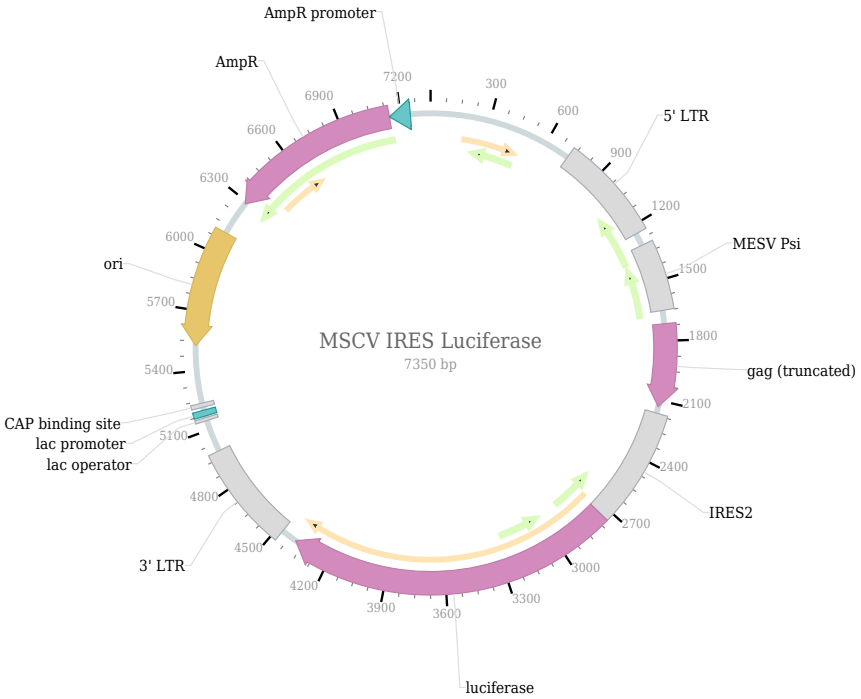
| **复制子 Replication Origin** | ori |
| **启动子 Promoter** | MSCV |
| **培养菌株 Growth Strain(s)** | DH10B |
| **培养温度 Growth Temperature** | 37℃ |
| **备注 Comment** | The MSCV IRES Luciferase vector is a highly efficient tool for genetic research. It features the MESV Psi element for effective packaging. The area between 5' LTR and 3' LTR is for target gene insertion, with length and orientation restrictions for optimal lentivirus titer. The truncated gag gene and IRES2 from specific viruses contribute to its functionality. The firefly luciferase gene allows for sensitive detection and quantification of gene expression via bioluminescence assays. |

## 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 ℃.