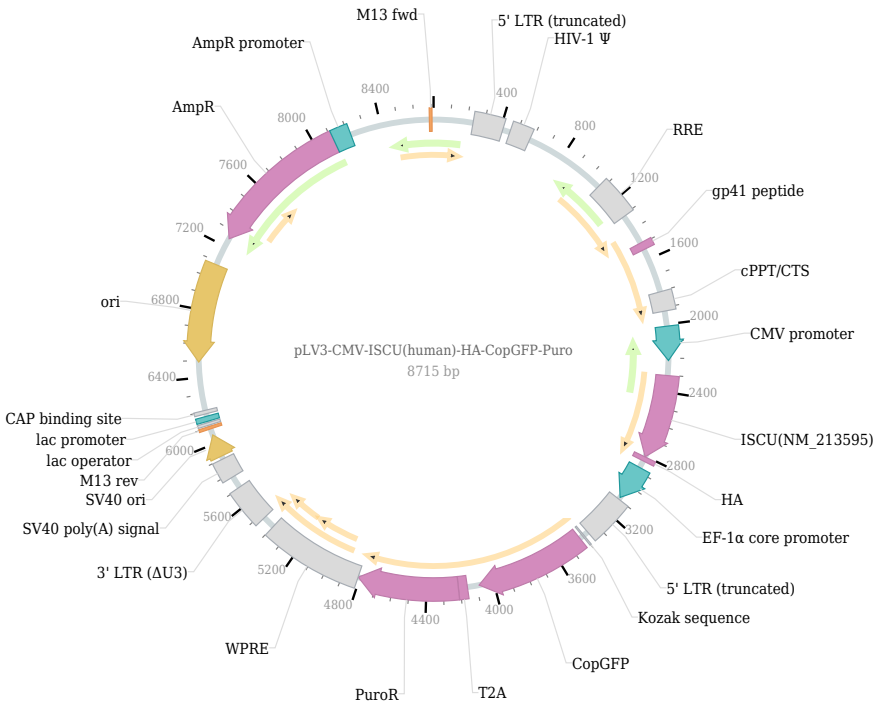
# pLV3-CMV-ISCU(human)-HA-CopGFP-Puro

| | |
|---|---|
| **载体编号 Vector ID** | V021623 |
| **登录号 Accession ID** | NM_213595.4 |
| **抗性 Antibiotic Resistance** | Ampicillin |
| **长度 Length** | 8715 bp |
| **载体类型 Vector Type** | Protein expression |
| **宿主 Host** | Mammalian cells, Lentivirus |

## 产品信息

| | |
|---|---|
| **复制子 Replication Origin** | ori |
| **筛选标记 Selection Marker** | Puro;CopGFP |
| **启动子 Promoter** | CMV |
| **融合标签 Fusion Tag** | HA |
| **培养菌株 Growth Strain(s)** | Stbl3 |
| **表达方式 Expression Method** | Constiutive, Stable / Transient |
| **备注 Comment** | It is designed for constitutive expression of the human ISCU gene with an HA tag and CopGFP reporter via a T2A linker, driven by the CMV promoter. The vector utilizes an EF-1α promoter to drive the PuroR selection marker and contains a WPRE element. It also includes essential HIV-1 derived elements such as truncated LTRs, HIV-1 Ψ, RRE, and cPPT/CTS for efficient viral packaging and nuclear import. |

## 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 ℃.