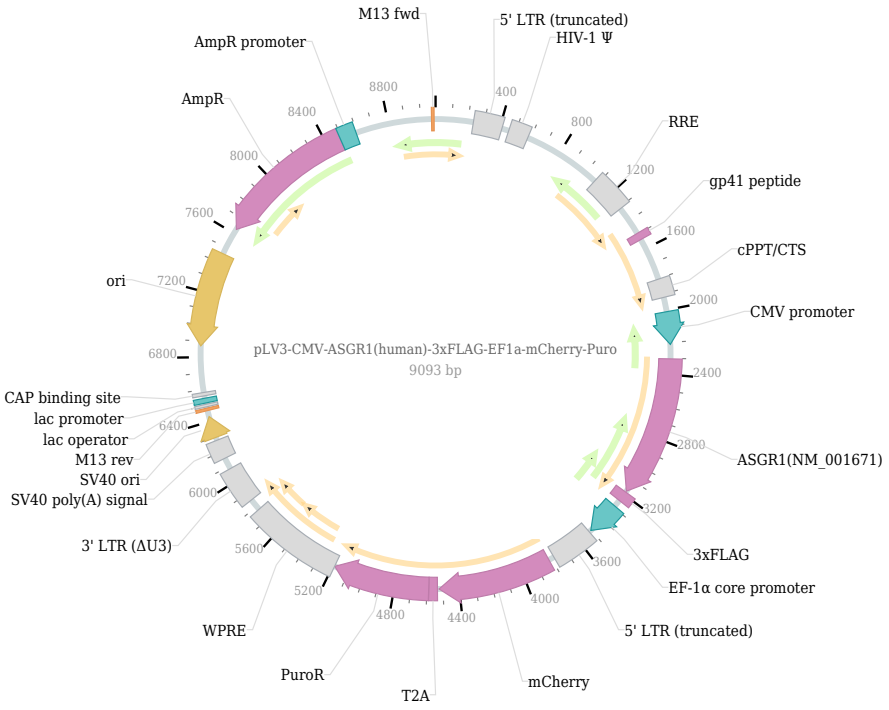
pLV3-CMV-ASGR1(human)-3xFLAG-EF1a-mCherry-Puro

载体编号 Vector ID	V029283
登录号 Accession ID	NM_001671.5
抗性 Antibiotic Resistance	Ampicillin
长度 Length	9093 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;mCherry
启动子 Promoter	CMV
融合标签 Fusion Tag	3xFLAG
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
表达方式 Expression Method	Constiutive, Stable / Transient
备注 Comment	This is a 9093 bp third-generation lentiviral expression vector designed for dual expression. It drives constitutive expression of the human ASGR1 gene (tagged with 3xFLAG) via the CMV promoter. Additionally, it co-expresses mCherry and the PuroR selection marker under the EF-1α core promoter and an IRES element, respectively. The vector includes all essential HIV-1 packaging components (5' LTR, RRE, cPPT/CTS, WPRE) to ensure efficient viral production and stable transduction in mammalian cells.

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 ℃.