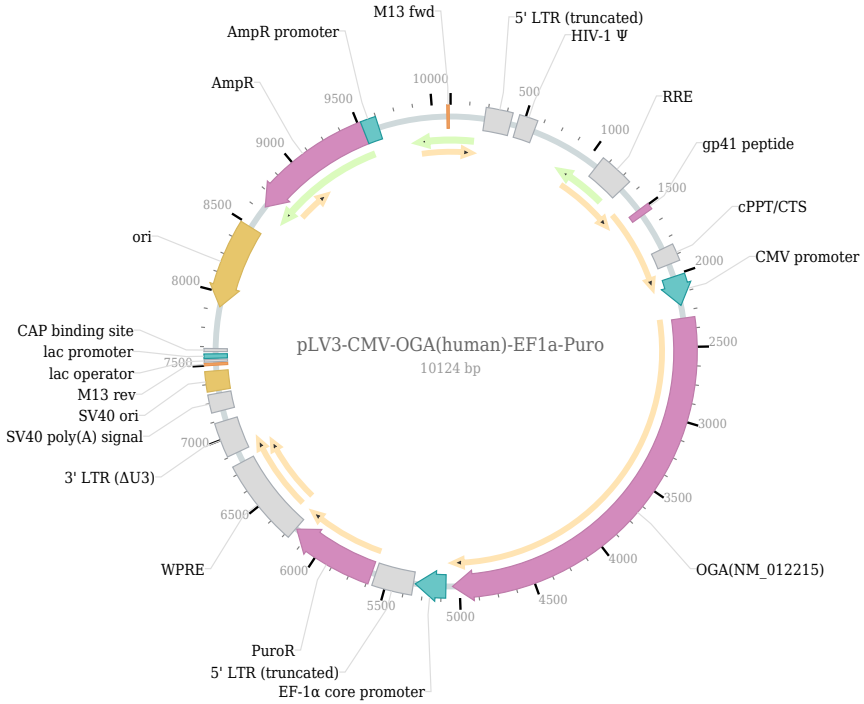
pLV3-CMV-OGA(human)-EF1a-Puro

载体编号 Vector ID	V025893
登录号 Accession ID	NM_012215.5
抗性 Antibiotic Resistance	Ampicillin
长度 Length	10124 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
启动子 Promoter	CMV
表达方式 Expression Method	Constiutive, Stable / Transient
备注 Comment	pLV3-CMV-OGA-EF1a-Puro is a lentiviral vector expressing human OGA (O-GlcNAcase). A CMV promoter drives OGA expression, while an EF-1α promoter drives PuroR (puromycin resistance). Includes WPRE, ΔU3 LTR, and AmpR. Ideal for studying protein O-GlcNAcylation dynamics.

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 ℃.