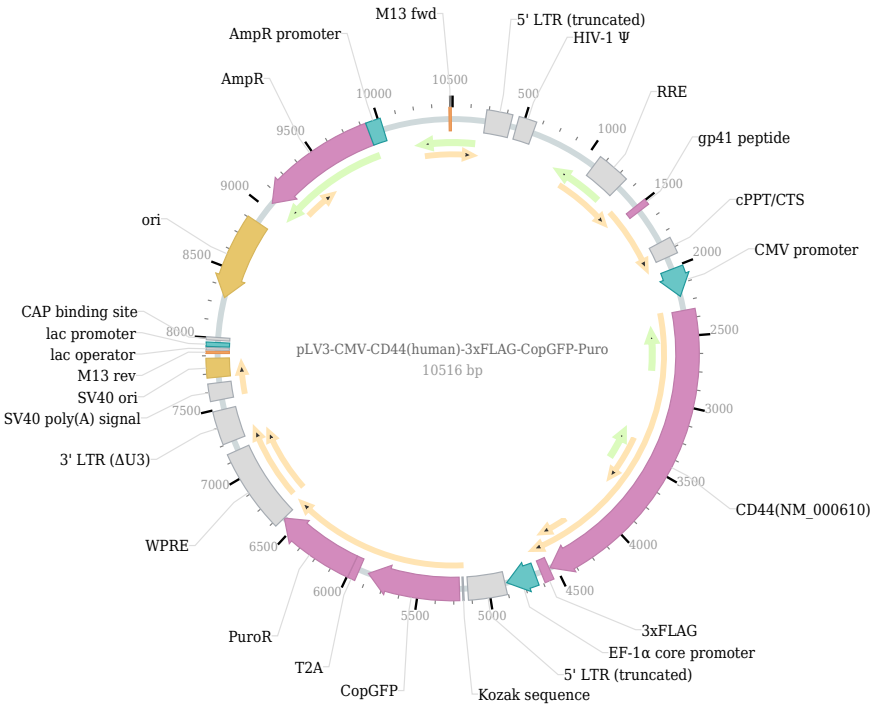
pLV3-CMV-CD44(human)-3xFLAG-CopGFP-Puro

载体编号 Vector ID	V039699
登录号 Accession ID	NM_000610.4
抗性 Antibiotic Resistance	Ampicillin
长度 Length	10516 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
拷贝数 Copy Number	High
启动子 Promoter	CMV
3' 引物 3' Primer	EF1a-R
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	pLV3-CMV-CD44-3xFLAG-CopGFP-Puro is a lentiviral vector for tracking human CD44 expression. The CMV promoter drives expression of CD44 fused with 3xFLAG and CopGFP (copepod green fluorescent protein), followed by a T2A ribosomal skip sequence and PuroR (puromycin resistance) driven by an EF-1α core promoter. Lentiviral elements include 5′ LTR, HIV-1 Ψ, RRE, cPPT/CTS, gp41, WPRE, and 3′ ΔU3 LTR. The vector also carries AmpR for bacterial selection.

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 ℃.