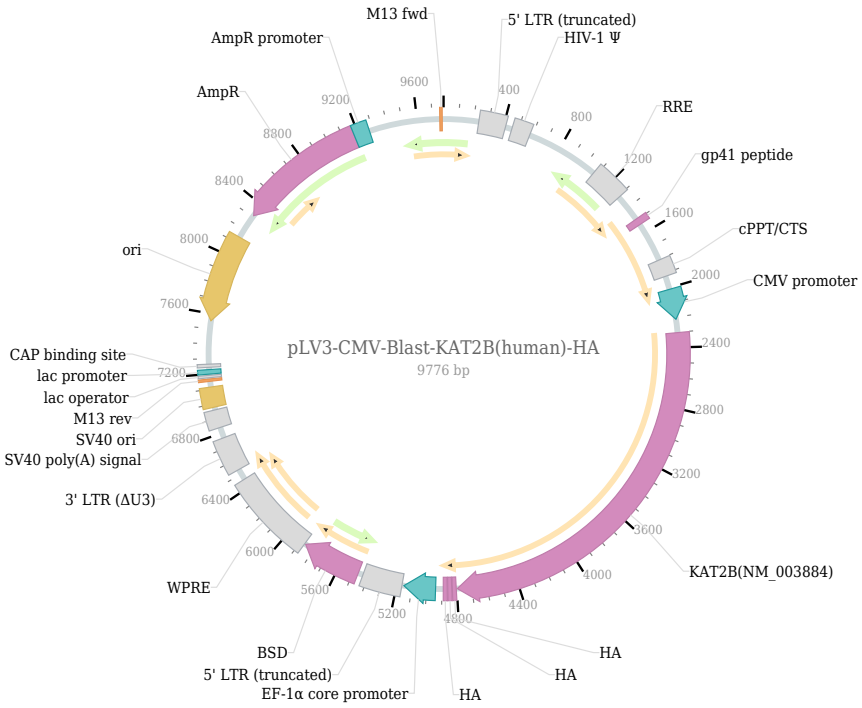
pLV3-CMV-Blast-KAT2B(human)-HA

载体编号 Vector ID	V040071
登录号 Accession ID	NM_003884.5
抗性 Antibiotic Resistance	Ampicillin
长度 Length	9776 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	Blast
拷贝数 Copy Number	High
启动子 Promoter	CMV
5' 引物 5' Primer	CMV-F
融合标签 Fusion Tag	HA
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 9776 bp third-generation lentiviral vector, pLV3-CMV-Blast-KAT2B(human)-HA. It is designed to express the human KAT2B gene (NM_003884) fused with an HA tag, driven by the strong CMV promoter. The vector includes the EF-1α core promoter for efficient transgene expression, the Blasticidin resistance gene (BSD) for mammalian cell selection, and essential HIV-1 packaging elements (Ψ, RRE, cPPT/CTS). It also features the WPRE element to enhance mRNA stability and expression.

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 ℃.