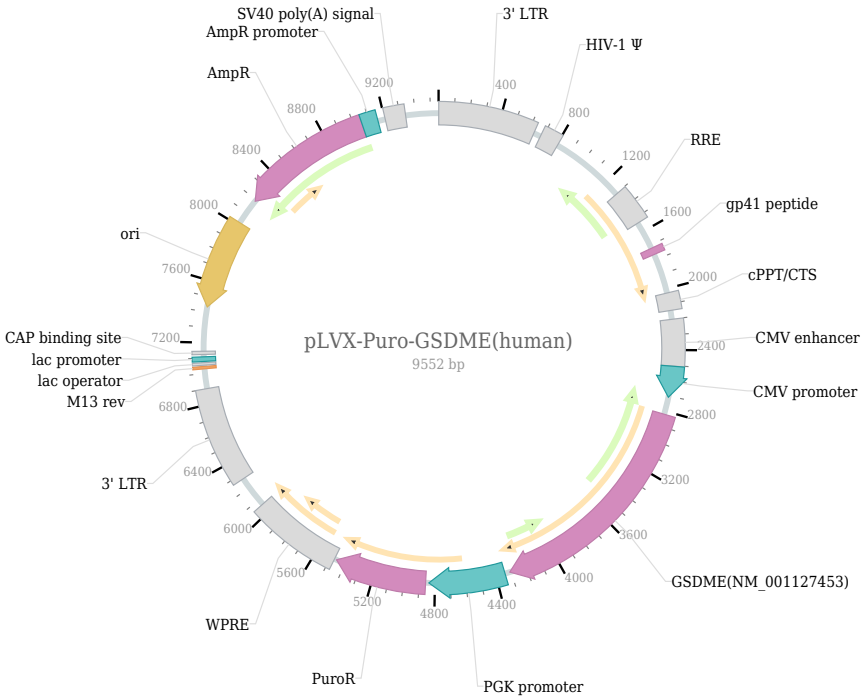
pLVX-Puro-GSDME(human)

载体编号 Vector ID	V021510
登录号 Accession ID	NM_001127453.2
抗性 Antibiotic Resistance	Ampicillin
长度 Length	9552 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
培养菌株 Growth Strain(s)	Stbl3
表达方式 Expression Method	Constiutive, Stable / Transient
备注 Comment	pLVX-Puro-GSDME(human) (9.6 kb) is a lentiviral vector for stable expression of human GSDME (Gasdermin E, also known as DFNA5) in mammalian cells. The CMV promoter drives expression of the full-length human GSDME coding sequence, while a downstream PGK promoter drives PuroR (puromycin resistance) for selection. Lentiviral elements include 5′/3′ LTRs, HIV-1 Ψ (packaging signal), RRE, cPPT/CTS, and WPRE for efficient transduction and high expression. The vector also carries AmpR for bacterial selection. GSDME is a pore-forming protein involved in pyroptosis and tumor immunity.

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 ℃.