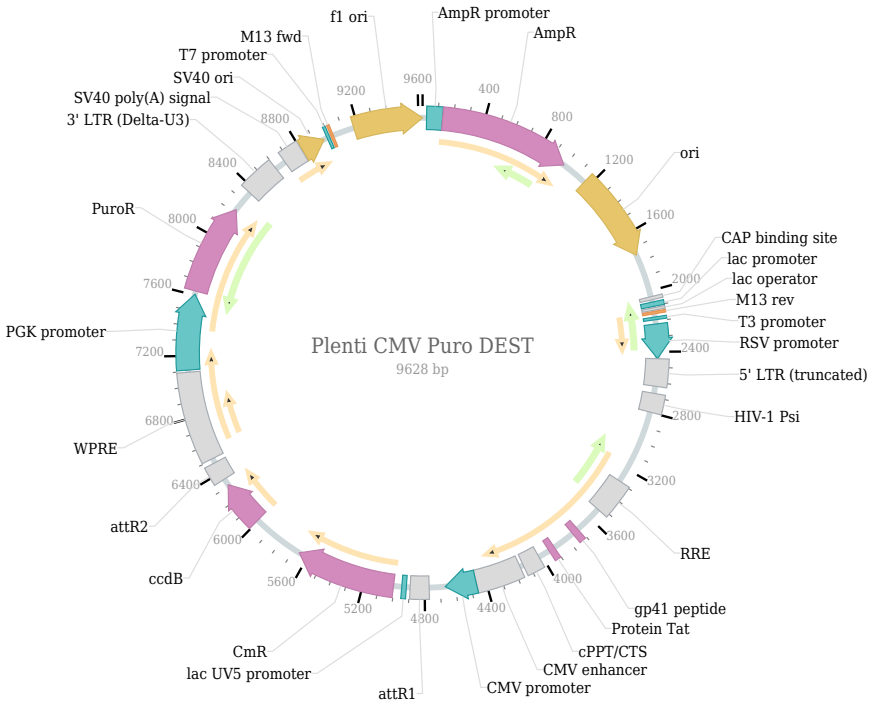
Plenti CMV Puro DEST

载体编号 Vector ID	V006757
抗性 Antibiotic Resistance	Ampicillin
长度 Length	9628 bp
载体类型 Vector Type	Lentiviral vectors

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Eric Campeau, Paul Kaufman
筛选标记 Selection Marker	Puromycin
拷贝数 Copy Number	High copy number
启动子 Promoter	mPGK
5' 引物 5' Primer	CMV-F: CGCAAATGGGCGGTAGGCGTG
培养菌株 Growth Strain(s)	Top10
培养温度 Growth Temperature	37℃
备注 Comment	pLenti CMV Puro DEST is a lentiviral vector designed for high-efficiency gene delivery and stable expression in mammalian cells. It features a CMV promoter for strong constitutive expression, a puromycin resistance gene for selection in eukaryotic cells, and utilizes Gateway recombination technology for convenient cloning. The vector backbone includes an ampicillin resistance gene for propagation in E. coliand is approximately 9.6 kb in size. Please note that the cloning host is DB3.1.

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 ℃.