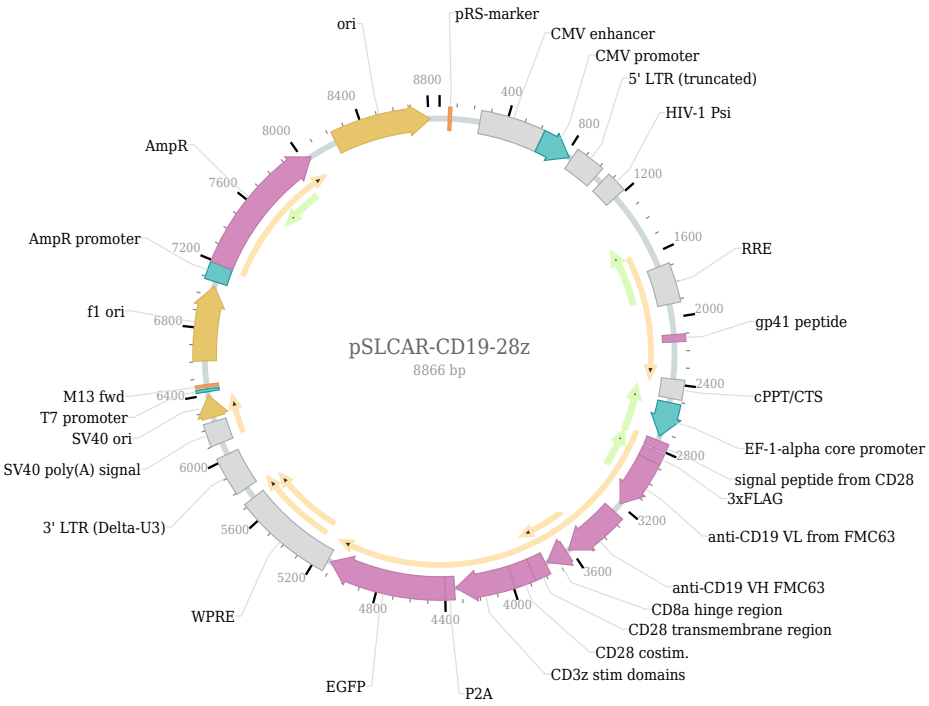
pSLCAR-CD19-28z

载体编号 Vector ID	V000045
抗性 Antibiotic Resistance	Ampicillin
长度 Length	8866 bp
载体类型 Vector Type	Mammalian Expression, Lentiviral

产品信息

复制子 Replication Origin	ori
拷贝数 Copy Number	High Copy
启动子 Promoter	EF1a-short
克隆方法 Cloning Method	Restriction Enzyme
5' 引物 5' Primer	CGGGTTTGCCGCCA
3' 引物 3' Primer	caggagccTGCTCCTCTTACTcc
培养温度 Growth Temperature	37℃
备注 Comment	pSLCAR-CD19-28z is a lentiviral transfer plasmid for generating second-generation CAR-T cells. It encodes an anti-CD19 chimeric antigen receptor (CAR) fused to the CD28 co-stimulatory and CD3ζ T-cell activation domains.

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 ℃.