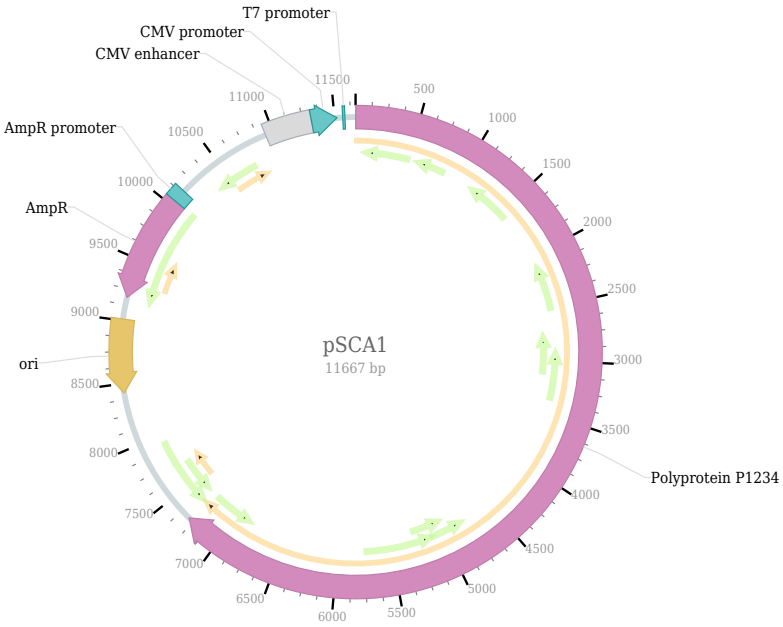
pSCA1

载体编号 Vector ID	V013364
抗性 Antibiotic Resistance	Ampicillin
长度 Length	11667 bp
载体类型 Vector Type	Protein expression
宿主 Host	Mammalian cells

产品信息

复制子 Replication Origin	ori
启动子 Promoter	CMV
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pSCA1 is a DNA-based Semliki Forest virus (SFV) replicon vector. It uses a CMV promoter to drive an alphaviral replicase, enabling cytoplasmic RNA self-amplification and high-level protein expression. Transfected cells undergo apoptosis within days, making it a "suicidal" vector ideal for safe DNA vaccines and transient protein production.

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 ℃.