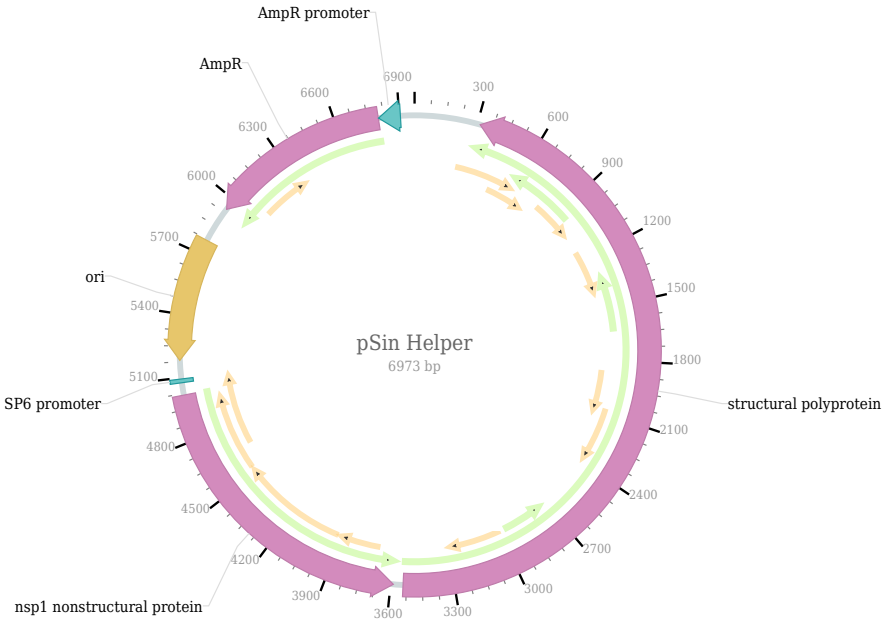
pSin Helper

载体编号 Vector ID	V016732
抗性 Antibiotic Resistance	Ampicillin
长度 Length	6973 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	SP6
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pSin Helper is a split helper plasmid for the VEGAS Sindbis packaging system in the Cell 2019 paper. It carries genes encoding Sindbis envelope glycoproteins E1, E2 and 6K, and can be linearized and transcribed into functional mRNA. Its mRNA is co-electroporated with pSinCapsid and pTSin RNAs in BHK21 cells to supply viral outer membrane proteins. Together with pSinCapsid, it provides full structural proteins to assemble recombinant Sindbis virions carrying target transgenes.

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 ℃.