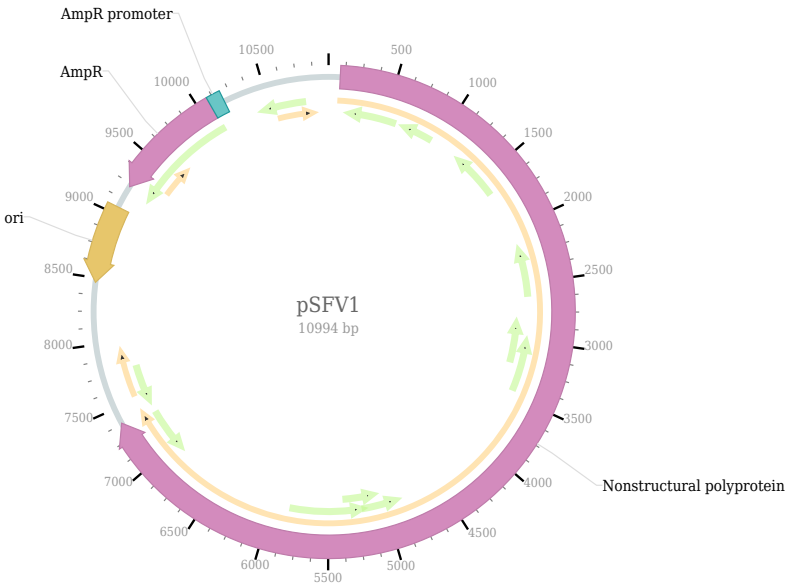
pSFV1

Vector ID	V001651
Antibiotic Resistance	Ampicillin
Length	10994 bp
Vector Type	Mammalian Expression Vectors

Product Information

Replication Origin	ori
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pSFV1 is a Semliki Forest Virus (SFV)-based eukaryotic expression plasmid. It enables high-level recombinant protein expression in mammalian cells via in vitro transcribed RNA. The vector contains an ampicillin resistance gene and an SFV replicon that drives efficient cytoplasmic RNA replication.

Vector Map



Plasmid Resuspension Protocol

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 ℃.