pSPT18

Vector ID	V013001
Antibiotic Resistance	Ampicillin
Length	3104 bp
Vector Type	Gene template
Host	E. coli

Product Information

Replication Origin	ori
Promoter	T7
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pSPT18 is a linearized, single-stranded DNA phage vector designed for efficient in vitro transcription. It contains an SP6 promoter, allowing rapid synthesis of large quantities of RNA from a cloned DNA fragment using SP6 RNA polymerase.

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 ℃.