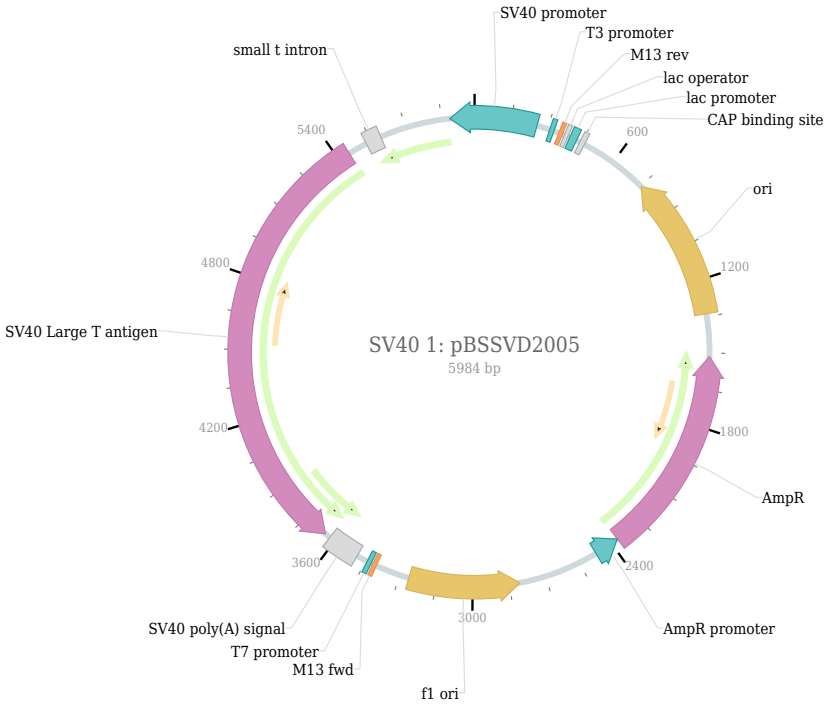
SV40 1: pBSSVD2005

Vector ID	V017109
Antibiotic Resistance	Ampicillin
Length	5984 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Promoter	SV40
Growth Strain(s)	DH5a
Growth Temperature	37℃
Comment	SV40 large T antigen (LTAg) is a multifunctional nuclear phosphoprotein. It inactivates p53 and pRb to disrupt cell cycle checkpoints, suppress senescence and apoptosis, while supporting SV40 DNA replication via helicase and origin-binding activities.

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 ℃.