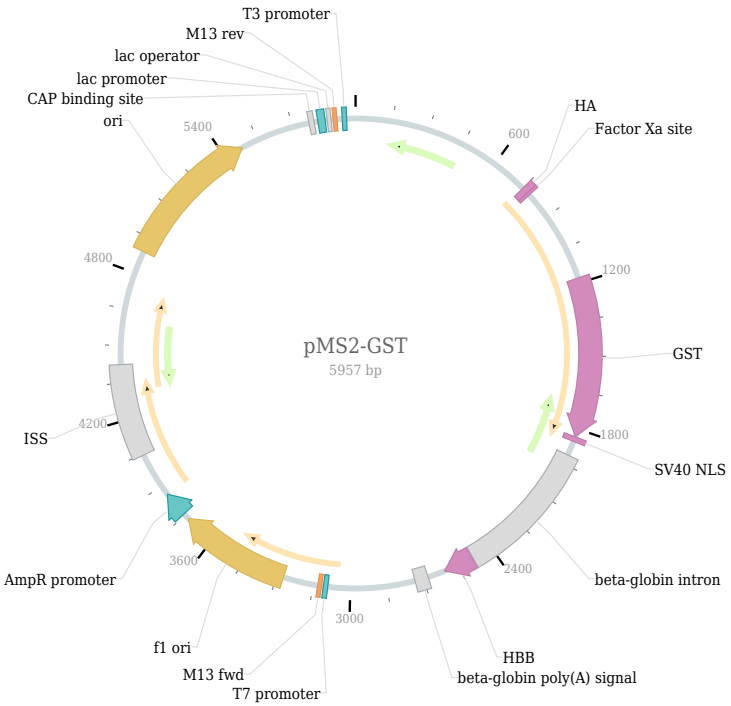
pMS2-GST

Vector ID	V014300
Antibiotic Resistance	Ampicillin
Length	5957 bp
Vector Type	Gene template
Host	E. coli

Product Information

Replication Origin	ori
Promoter	T3
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pMS2-GST is a mammalian expression vector encoding an MS2 coat protein-GST-NLS fusion that binds MS2 RNA stem-loops with high affinity. A core reagent of the MS2-TRAP method: co-expression with MS2-loop-tagged RNAs enables glutathione affinity purification of ribonucleoprotein complexes for identifying RNA-associated proteins.

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 ℃.