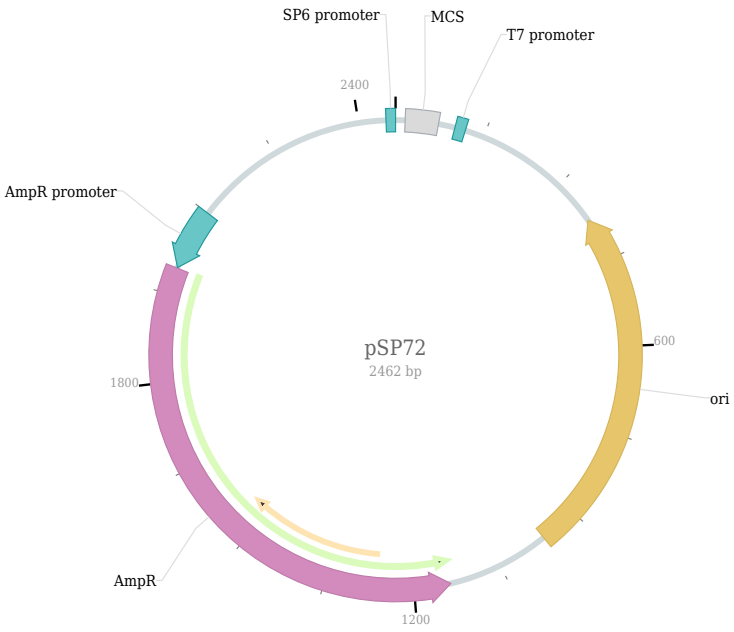
pSP72

Vector ID	V012397
Antibiotic Resistance	Ampicillin
Length	2462 bp
Vector Type	Cloning Vectors

Product Information

Replication Origin	ori
Source/Author	Krieg PA, Melton DA.
Copy Number	High copy number
Growth Strain(s)	DH10B
Comment	pSP72 is a cloning vector employed in this study to clone the Escherichia coli sucrose permease gene cscB, expressing variants containing engineered charge pairs to validate their effects on substrate transport and helical stacking.

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 ℃.