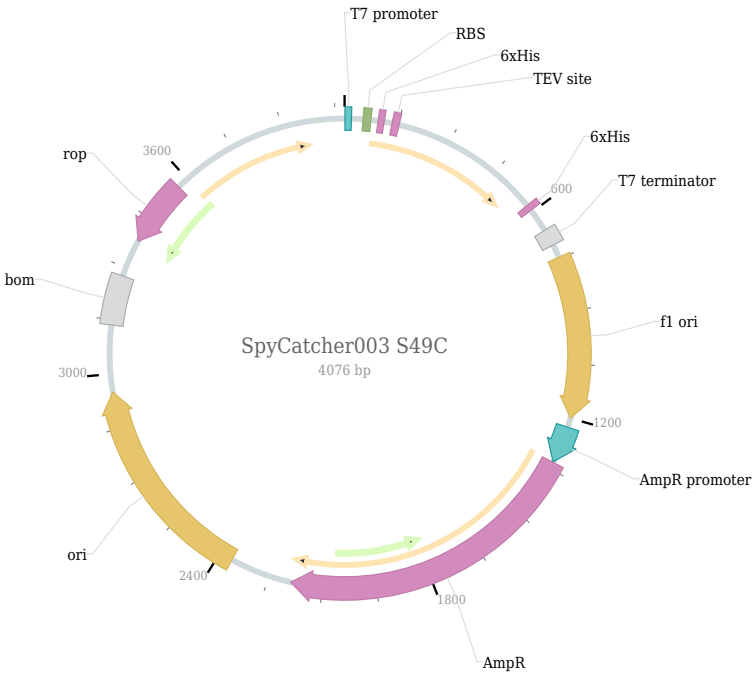
SpyCatcher003 S49C

Vector ID	V017083
Antibiotic Resistance	Ampicillin
Length	4076 bp
Vector Type	Protein expression
Host	E. coli

Product Information

Replication Origin	ori
Promoter	T7
Growth Strain(s)	DH5a
Growth Temperature	37℃
Comment	SpyCatcher003 S49C, a variant of the SpyCatcher protein, is expressed within the cytoplasm of bacteria. This variant contains a strategically located and unique cysteine residue at position 49 (S49C). The presence of this cysteine residue enables site-specific chemical coupling, providing researchers with a versatile tool for protein engineering and manipulation.

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 ℃.