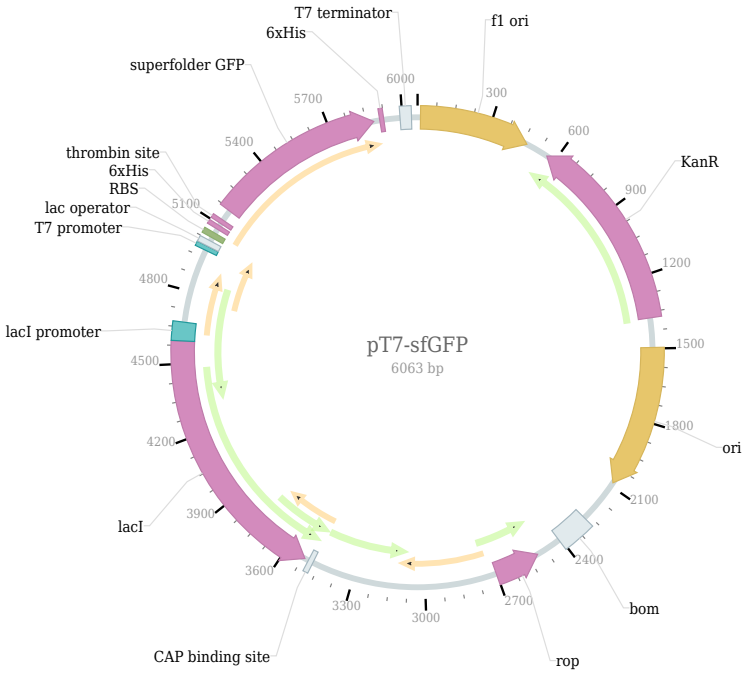
pT7-sfGFP

Vector ID	V014170
Antibiotic Resistance	Kanamycin
Length	6063 bp
Vector Type	Protein expression
Host	E. coli

Product Information

Replication Origin	ori
Promoter	T7
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pT7-sfGFP, as an E. coli expression vector, drives the efficient expression of sfGFP via the T7 promoter. It is employed for monitoring gene expression, protein folding, and cell transfection efficiency, exhibiting strong fluorescence signals and high stability.

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 ℃.