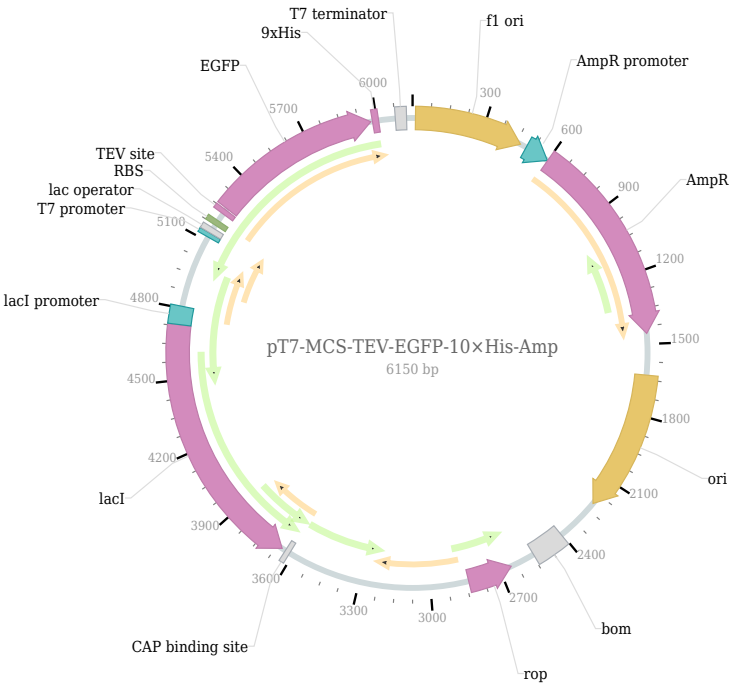
pT7-MCS-TEV-EGFP-10×His-Amp

Vector ID	V017992
Antibiotic Resistance	Ampicillin
Length	6150 bp
Vector Type	Protein expression
Host	E. coli

Product Information

Replication Origin	ori
Copy Number	Low
Promoter	T7
5' Primer	T7
Growth Strain(s)	DH5a
Growth Temperature	37℃
Expression Method	IPTG induction
Comment	pT7-MCS-TEV-EGFP-10×His-Amp is a T7-based E. coli expression vector combining an MCS, TEV protease cleavage site, EGFP reporter, and C-terminal 10xHis tag with ampicillin resistance. Enables fluorescent tracking of expressed fusion proteins, high-capacity Ni-NTA purification, and TEV-mediated tag removal.

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 ℃.