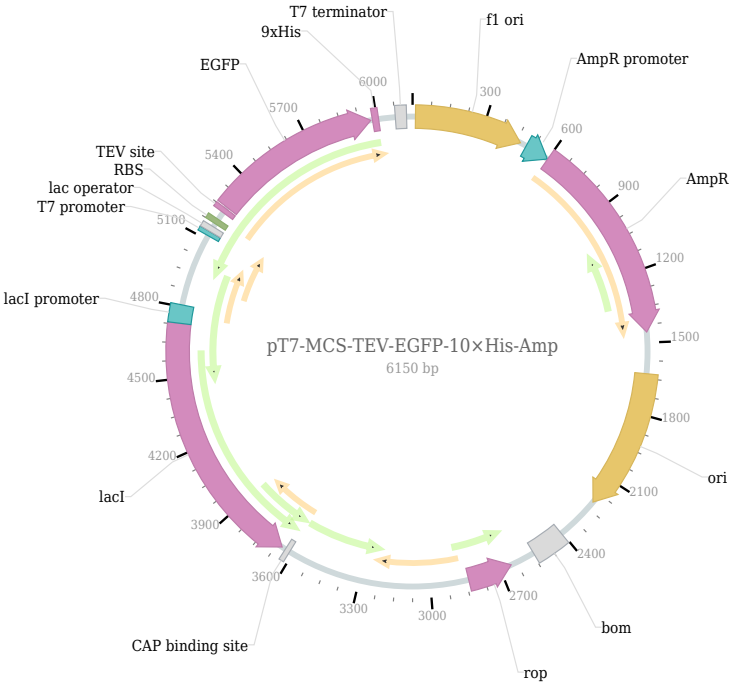
pT7-MCS-TEV-EGFP-10×His-Amp

载体编号 Vector ID	V017992
抗性 Antibiotic Resistance	Ampicillin
长度 Length	6150 bp
载体类型 Vector Type	Protein expression
宿主 Host	E. coli

产品信息

复制子 Replication Origin	ori
拷贝数 Copy Number	Low
启动子 Promoter	T7
5'引物 5' Primer	T7
培养菌株 Growth Strain(s)	DH5a
培养温度 Growth Temperature	37℃
表达方式 Expression Method	IPTG induction
备注 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.

质粒图谱



复溶方法

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 ℃.