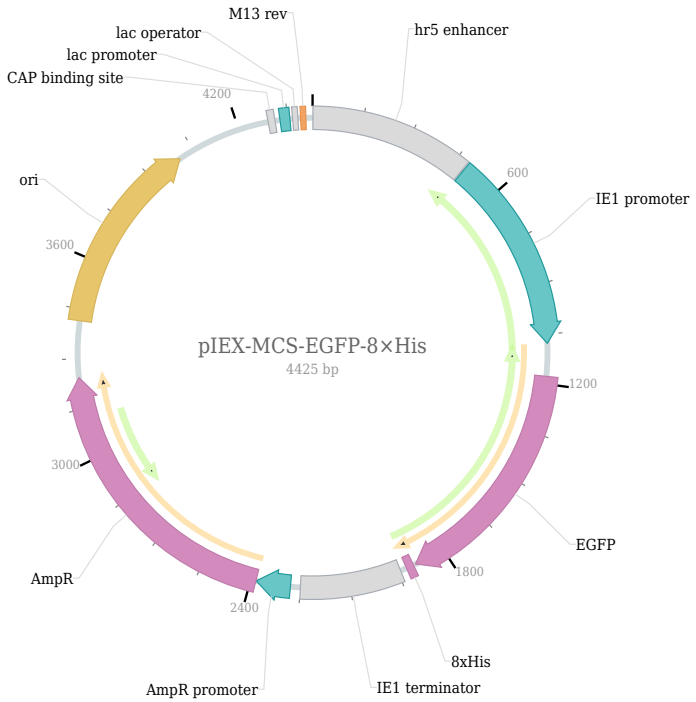
pIEX-MCS-EGFP-8×His

载体编号 Vector ID	V047389
抗性 Antibiotic Resistance	Ampicillin
长度 Length	4425 bp
载体类型 Vector Type	Protein expression
宿主 Host	Insect cells

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	EGFP
拷贝数 Copy Number	High
启动子 Promoter	IE1
培养菌株 Growth Strain(s)	DH5a
培养温度 Growth Temperature	37℃
表达方式 Expression Method	Transient
备注 Comment	pIEX-MCS-EGFP-8×His is an insect cell expression vector driven by the hr5-IE1 promoter, supporting high-level transient expression in Sf9/High Five cells without baculovirus. It contains a multiple cloning site for target gene insertion, and expresses fusion proteins tagged with EGFP and 8×His.EGFP enables real-time fluorescence monitoring of expression and subcellular localization, while the 8×His tag allows easy protein purification via Ni-NTA affinity chromatography.

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 ℃.