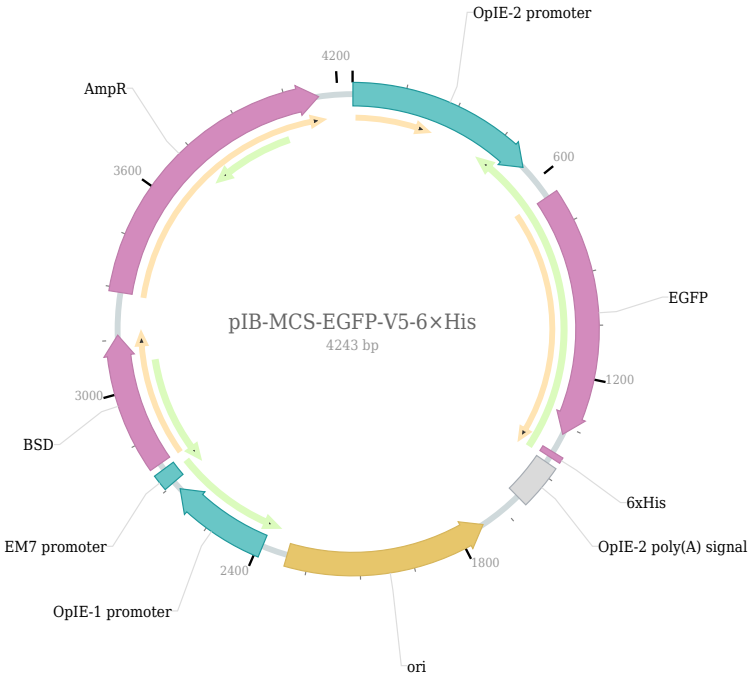
pIB-MCS-EGFP-V5-6×His

载体编号 Vector ID	V014366
抗性 Antibiotic Resistance	Ampicillin
长度 Length	4243 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	Blast
启动子 Promoter	OpIE-2
培养菌株 Growth Strain(s)	DH5a
培养温度 Growth Temperature	37℃
备注 Comment	The pIB-MCS-EGFP-V5-6×His vector is designed for protein expression and purification in insect cells. It utilizes the OpIE-2 promoter to drive the insertion of a target gene into the MCS. The expressed protein is fused to the C-terminus with EGFP, V5, and 6×His tags for visualization, antibody detection, and affinity purification, respectively. The plasmid includes an ori for replication, an AmpR gene for bacterial selection, and a BSD expression cassette under the OpIE-1 promoter for insect cell selection.

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 ℃.