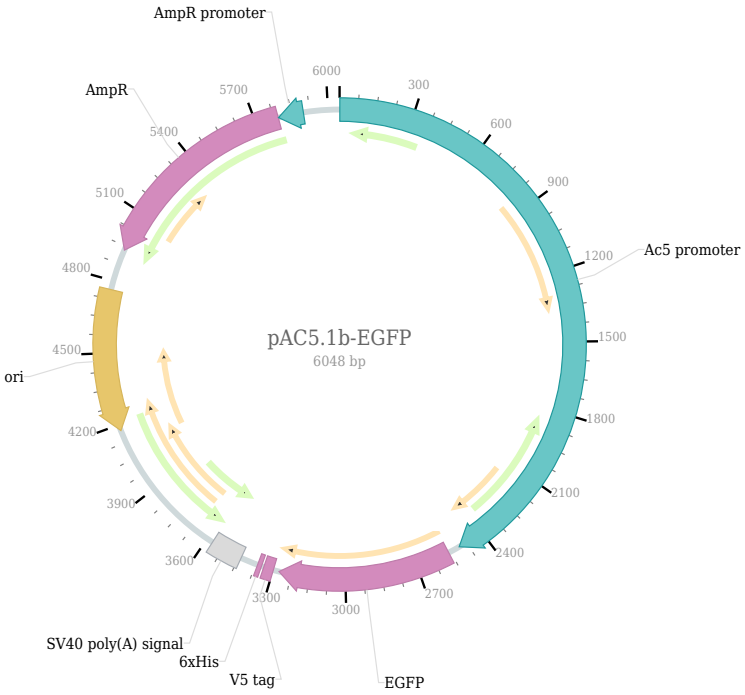
pAC5.1b-EGFP

载体编号 Vector ID	V012890
抗性 Antibiotic Resistance	Ampicillin
长度 Length	6048 bp
载体类型 Vector Type	Protein expression
宿主 Host	Insect cells

产品信息

复制子 Replication Origin	ori
启动子 Promoter	Ac5
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	The plasmid vector pAC5.1b-EGFP is an insect cell expression vector designed for constitutive protein expression in Drosophila S2 cells. It utilizes the strong Ac5 promoter to drive the expression of an enhanced green fluorescent protein (EGFP) tag. The vector includes C-terminal V5 epitope and 6xHis tags for protein detection and purification, an ampicillin resistance gene for bacterial selection, and a pUC origin for high-copy replication in E. coli. It is typically used for transient expression or for generating stable cell lines when co-transfected with a separate selection vector.

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 ℃.