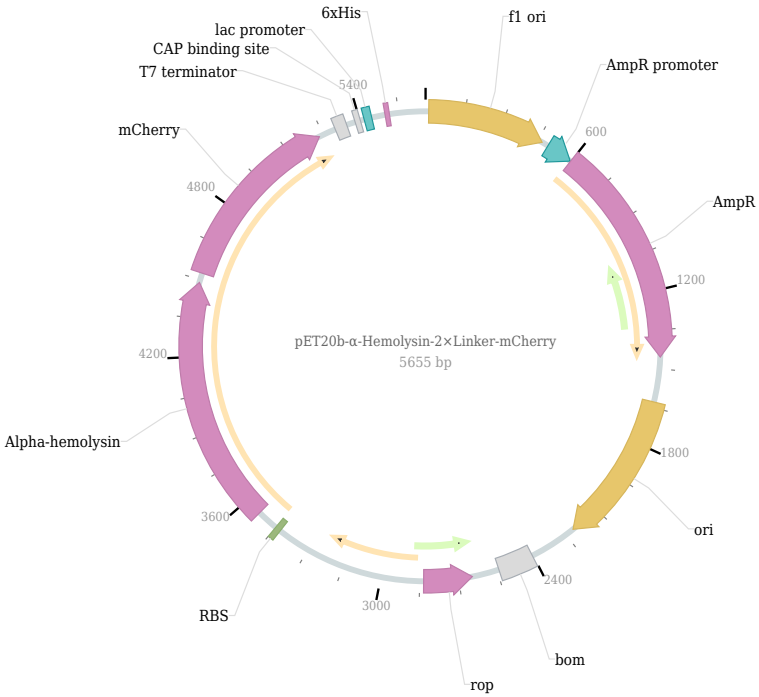
pET20b-α-Hemolysin-2×Linker-mCherry

载体编号 Vector ID	V013688
抗性 Antibiotic Resistance	Ampicillin
长度 Length	5655 bp
载体类型 Vector Type	Protein expression
宿主 Host	E. coli

产品信息

复制子 Replication Origin	ori
启动子 Promoter	T7
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	This is a 5655 bp bacterial expression vector, pET20b-α-Hemolysin-2×Linker-mCherry. It is designed for IPTG-inducible expression of the α-Hemolysin protein fused with mCherry, facilitated by a T7 promoter and ribosome-binding site (RBS). The construct includes a 6xHis tag for affinity purification and utilizes the pET system for high-level protein production in E. coli. The plasmid also contains an AmpR gene for antibiotic 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 ℃.