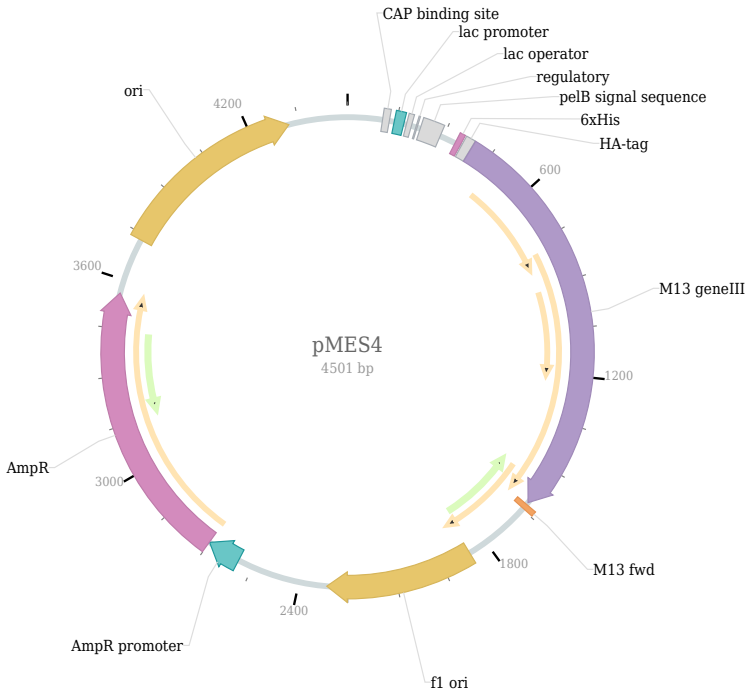
pMES4

载体编号 Vector ID	V004765
抗性 Antibiotic Resistance	Ampicillin
长度 Length	4501 bp
载体类型 Vector Type	Phage display vector

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Pellis M, Pardon E, Muyldermans S.
拷贝数 Copy Number	High copy number
启动子 Promoter	lac promoter
克隆方法 Cloning Method	Enzyme Cut
3' 引物 3' Primer	M13 fwd
融合标签 Fusion Tag	M13 geneIII
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	pMES4 is a 4,501 bp phage display vector used for nanobody cloning. It features a pelB signal sequence for secretion, tags (6xHis and HA) for purification/detection, and the fd gene III for phage display. The lac promoter controls expression in bacterial systems like E. coli.

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 ℃.