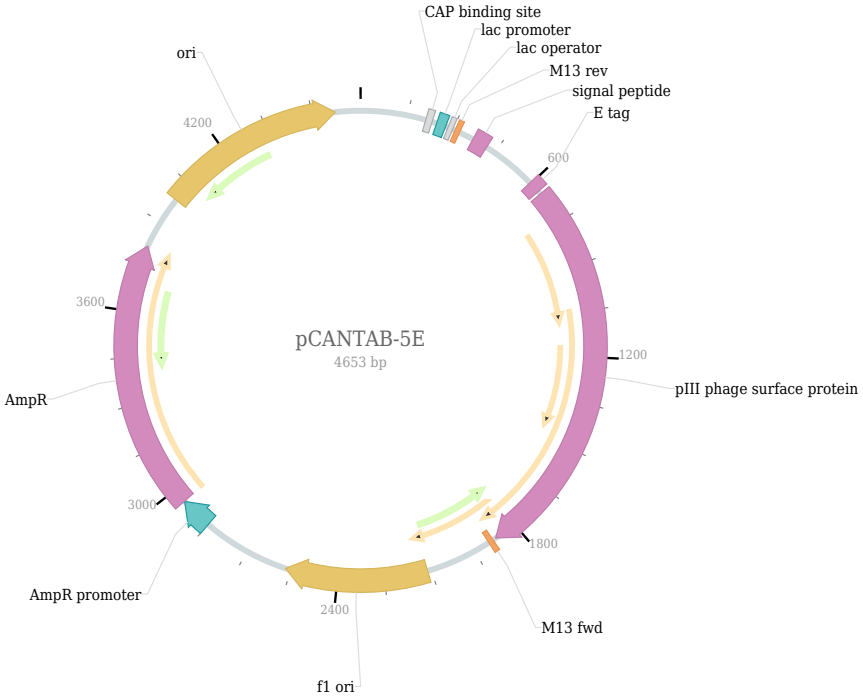
pCANTAB-5E

载体编号 Vector ID	V001082
抗性 Antibiotic Resistance	Ampicillin
长度 Length	4653 bp
载体类型 Vector Type	Phage Surface Display Systems

产品信息

复制子 Replication Origin	ori
启动子 Promoter	Lac
5' 引物 5' Primer	pCantab5-R1: ccatgattacgccaagctttggagcc
3' 引物 3' Primer	pCantab5-R2: cgatctaaagttttgtcgtctttcc
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	The vector pCANTAB 5E, featuring ampicillin resistance, is employed in the construction of recombinant single-chain variable fragments (scFvs). This vector system facilitates the expression of antibody genes and the production of recombinant antibodies.

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 ℃.