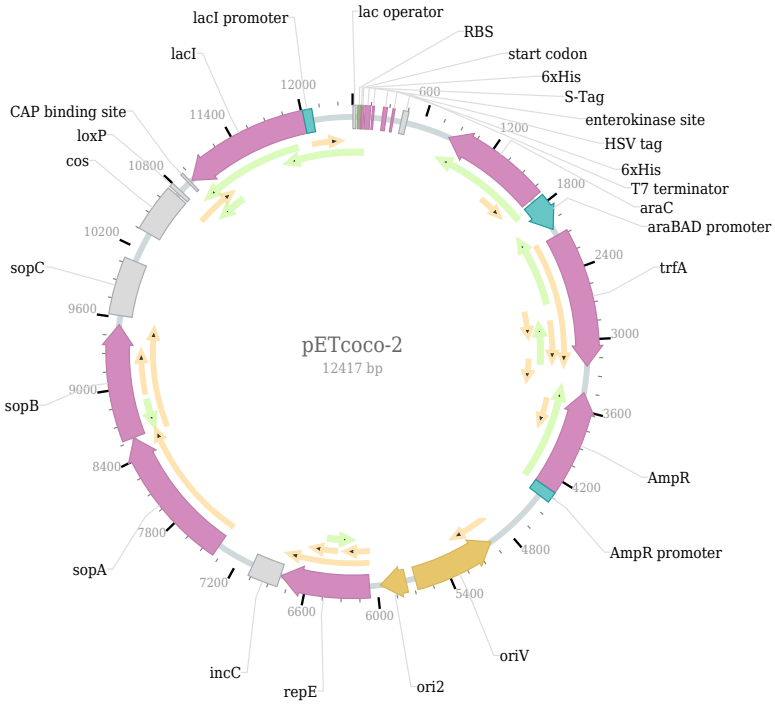
pETcoco-2

载体编号 Vector ID	V010931
抗性 Antibiotic Resistance	Ampicillin
长度 Length	12417 bp
载体类型 Vector Type	pET & Duet Vectors (Novagen)

产品信息

复制子 Replication Origin	ori2
来源 Source/Author	Novagen (EMD Millipore)
拷贝数 Copy Number	Low copy number
启动子 Promoter	araBAD
培养菌株 Growth Strain(s)	EPI300
备注 Comment	pETcoco-2 serves as the backbone vector, with L-arabinose added to increase copy number. Following IPTG induction, T7 RNA polymerase is activated to initiate transcription of the target gene controlled by the T7 promoter, enabling the secretion and expression of two bacteriocins in E. coli Tuner™(DE3) strain.

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 ℃.