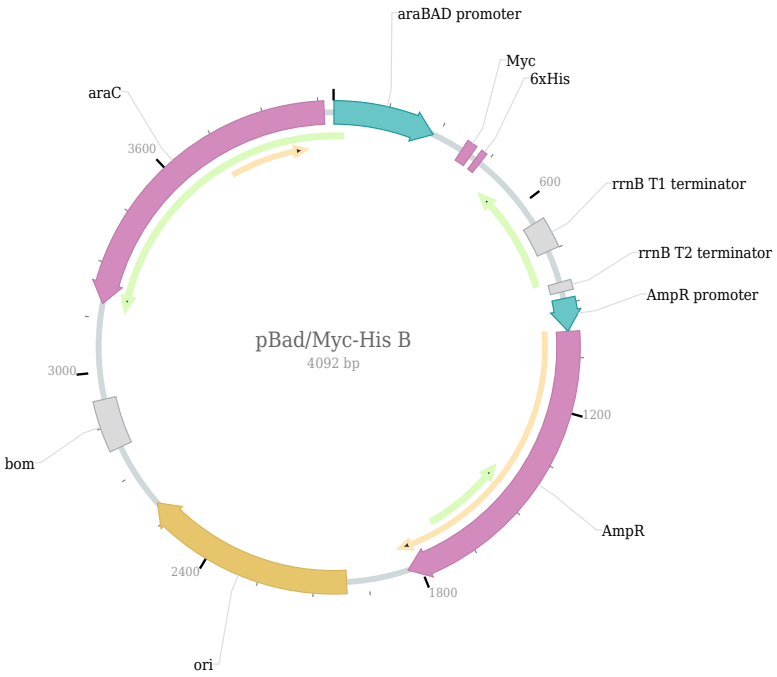
pBad/Myc-His B

载体编号 Vector ID	V006963
抗性 Antibiotic Resistance	Ampicillin
长度 Length	4092 bp
载体类型 Vector Type	E. coli Expression Vectors

产品信息

复制子 Replication Origin	ori
拷贝数 Copy Number	Low copy number
启动子 Promoter	araBAD
克隆方法 Cloning Method	Enzyme digestion and ligation
5' 引物 5' Primer	pBAD-F: ATGCCATAGCATTTTTATCC
3' 引物 3' Primer	pBAD-R: gatttaatctgtatcagg
融合标签 Fusion Tag	C-His, C-Myc
培养菌株 Growth Strain(s)	DH10B
备注 Comment	pBAD/Myc-His B is a 4,092-bp low-copy E. coli expression vector derived from pBR322. It uses the arabinose-inducible araBAD promoter, regulated by the AraC protein, for tight, dose-dependent gene control. Cloned genes fuse to C-terminal 6×His and c-Myc tags, enabling nickel-affinity purification and antibody detection. Ampicillin resistance permits transformant 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 ℃.