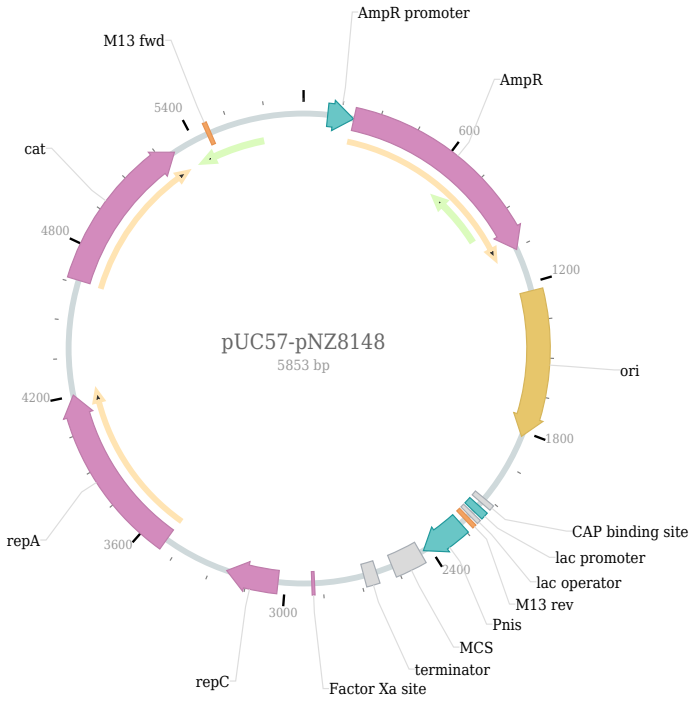
pUC57-pNZ8148

载体编号 Vector ID	V013967
抗性 Antibiotic Resistance	Ampicillin
长度 Length	5853 bp
载体类型 Vector Type	Protein expression
宿主 Host	Lactic acid bacteria

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Chl
拷贝数 Copy Number	High copy number
启动子 Promoter	PnisA
培养菌株 Growth Strain(s)	Top10
培养温度 Growth Temperature	37℃
备注 Comment	pUC57-pNZ8148 is a shuttle vector for cloning in E. coli and inducible expression in Lactococcus lactis. Key features include dual origins of replication (ColE1 and pSH71), dual antibiotic resistance (Amp^+ and Cm^+), and the nisin-inducible nisA promoter system. The pNZ8148 is the original vector.

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 ℃.