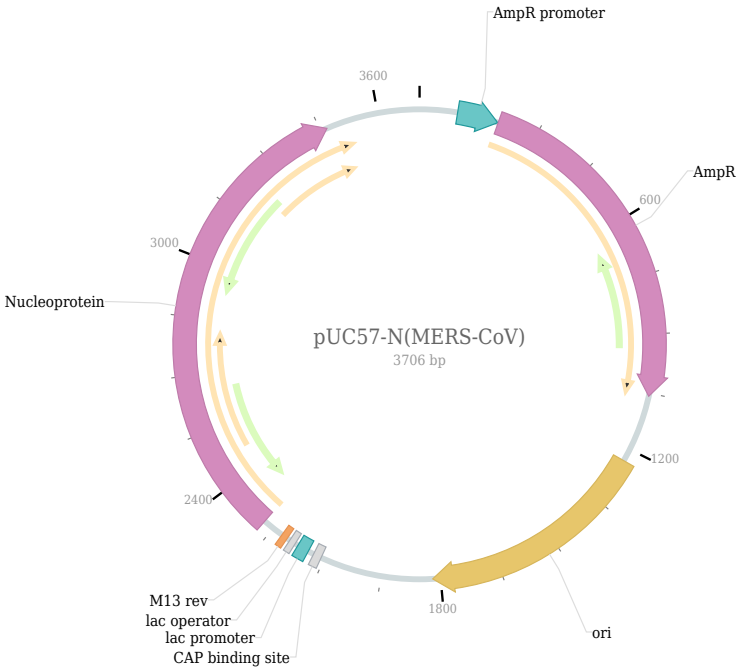
pUC57-N(MERS-CoV)

载体编号 Vector ID	V013757
抗性 Antibiotic Resistance	Ampicillin
长度 Length	3706 bp
载体类型 Vector Type	Gene template
宿主 Host	E. coli

产品信息

复制子 Replication Origin	ori
启动子 Promoter	lac
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pUC57-N(MERS-CoV) is a recombinant plasmid used as a molecular tool in coronavirus research. It contains the full-length nucleocapsid (N) gene of the Middle East Respiratory Syndrome Coronavirus (MERS-CoV), which is one of the virus's essential structural proteins. This plasmid serves as a stable template for experiments requiring the N gene, such as detecting the virus via PCR-based methods, studying its function, and investigating host immune responses.

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 ℃.