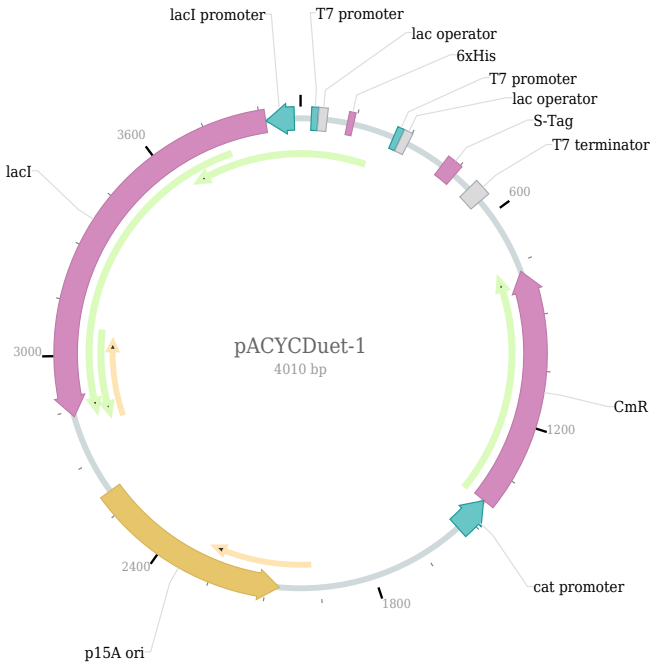
pACYCDuet-1

载体编号 Vector ID	V011042
抗性 Antibiotic Resistance	Chloramphenicol
长度 Length	4010 bp
载体类型 Vector Type	pET & Duet Vectors (Novagen)

产品信息

复制子 Replication Origin	p15A ori
来源 Source/Author	Novagen (EMD Millipore)
拷贝数 Copy Number	Medium copy number
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	This is a 4010 bp bacterial expression vector, pACYC Duet-1. It features two T7 promoters for simultaneous expression of target proteins, one of which is fused with an N-terminal 6xHis tag and the other with an S-Tag. The system is regulated by the lac operator and lacI repressor. It also carries the chloramphenicol resistance gene (CmR) and the p15A origin of replication for stable maintenance in E.coli.

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 ℃.