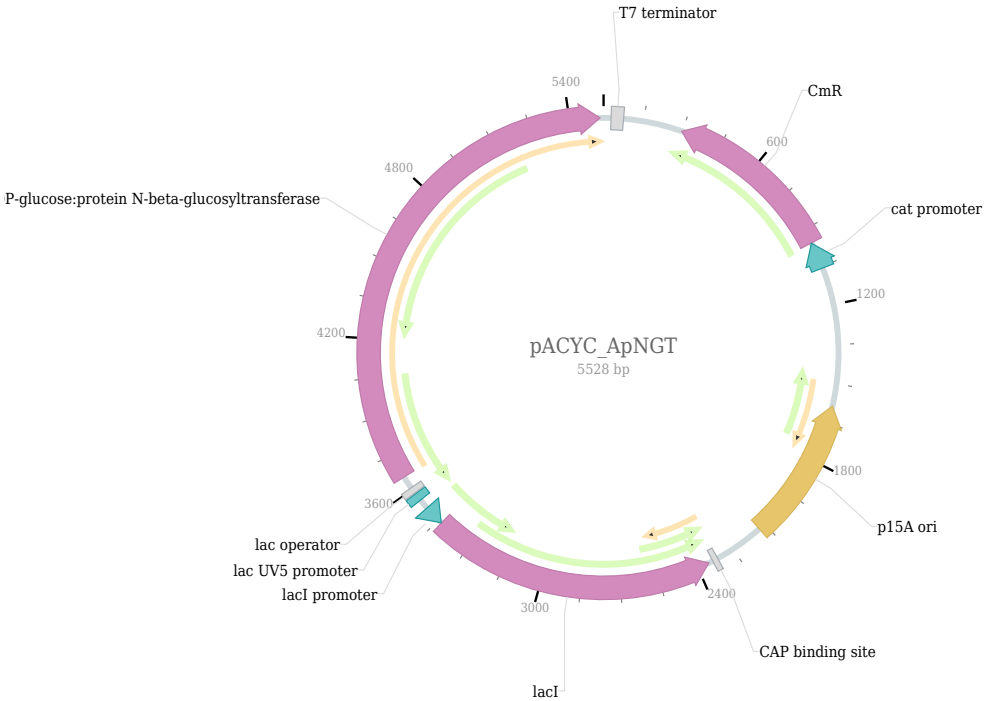
pACYC_ApNGT

载体编号 Vector ID	V009587
抗性 Antibiotic Resistance	Chloramphenicol
长度 Length	5528 bp
载体类型 Vector Type	Expression vector

产品信息

复制子 Replication Origin	p15A ori
来源 Source/Author	Keys TG, Wetter M, Hang I, Rutschmann C, Russo S, Mally M, Steffen M, Zuppiger M, Muller F, Schneider J, Faridmoayer A, Lin CW, Aebi M.
培养菌株 Growth Strain(s)	DH10B
备注 Comment	pACYC_ApNGT is a prokaryotic expression plasmid carrying the cytoplasmic N-glycosyltransferase ApNGT from Actinobacillus pleuropneumoniae, which transfers glucose from UDP-Glc to asparagine in N-X-S/T sequons. It is used for bacterial N-glycoengineering of recombinant glycoproteins and has a p15A origin plus chloramphenicol resistance, compatible with ColE1 plasmids for co-expression.

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 ℃.