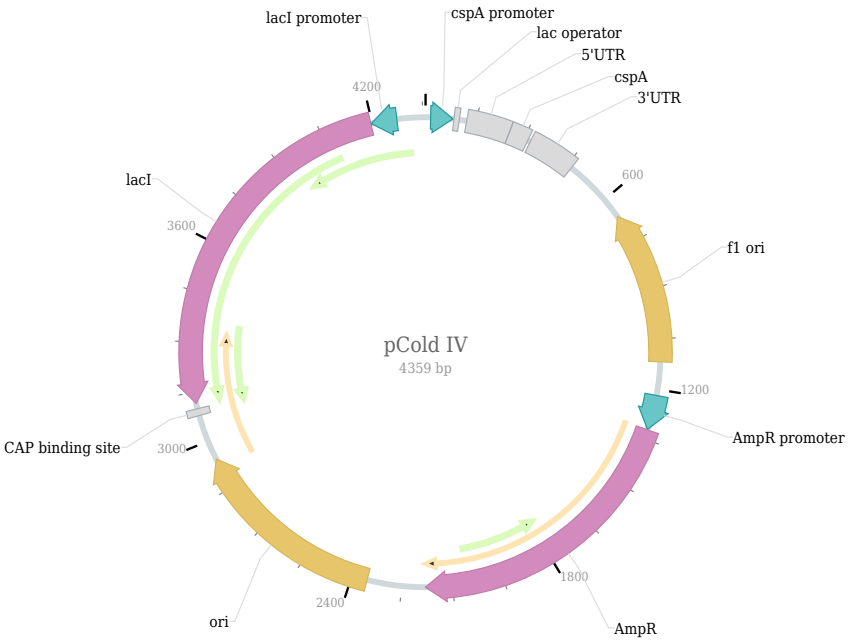
pCold IV

载体编号 Vector ID	V008307
抗性 Antibiotic Resistance	Ampicillin
长度 Length	4359 bp
载体类型 Vector Type	Expression vector

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Qing G, Ma LC, Khorchid A, Swapna GV, Mal TK, Takayama MM, Xia B, Phadtare S, Ke H, Acton T, Montelione GT, Ikura M, Inouye M.
启动子 Promoter	cspA
培养菌株 Growth Strain(s)	DH10B
备注 Comment	pCold IV is a cold shock-induced expression vector that utilises the cspA promoter for efficient expression of recombinant proteins at 15°C, enhancing solubility and yield.

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 ℃.