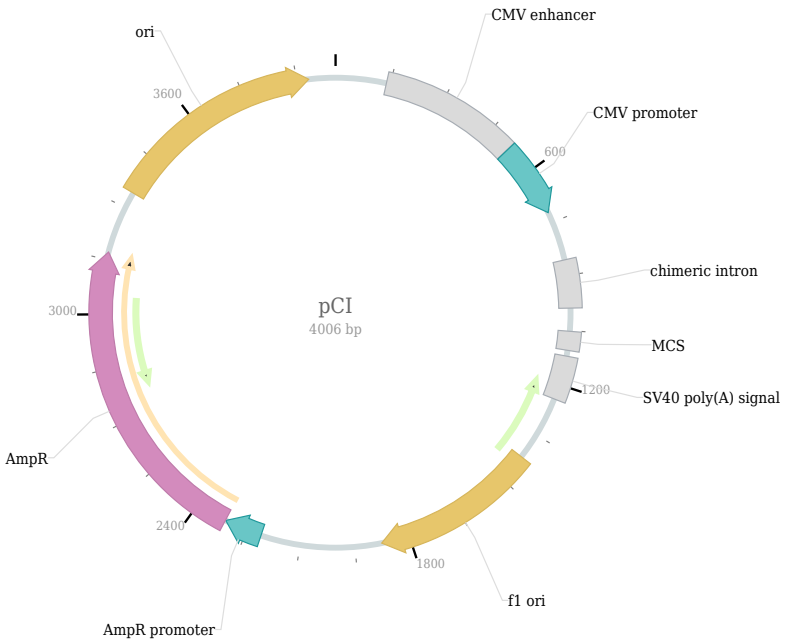
pCI

载体编号 Vector ID	V011274
抗性 Antibiotic Resistance	Ampicillin
长度 Length	4006 bp
载体类型 Vector Type	Mammalian Expression Vectors

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Promega
拷贝数 Copy Number	High copy number
启动子 Promoter	CMV
备注 Comment	The pCI Mammalian Expression Vector enables constitutive expression of cloned DNA inserts in mammalian cells. Its key difference from the pSI Vector lies in the enhancer/promoter region regulating inserted gene expression: pCI contains the human cytomegalovirus (CMV) major immediate-early enhancer/promoter, plus a β-globin/IgG chimeric intron downstream to boost expression. Its late SV40 polyadenylation signal increases mRNA steady-state levels ~5-fold more than the early SV40 signal. Suitable for both transient and stable expression, pCI requires co-transfection with a selectable gene-containing vector for stable 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 ℃.