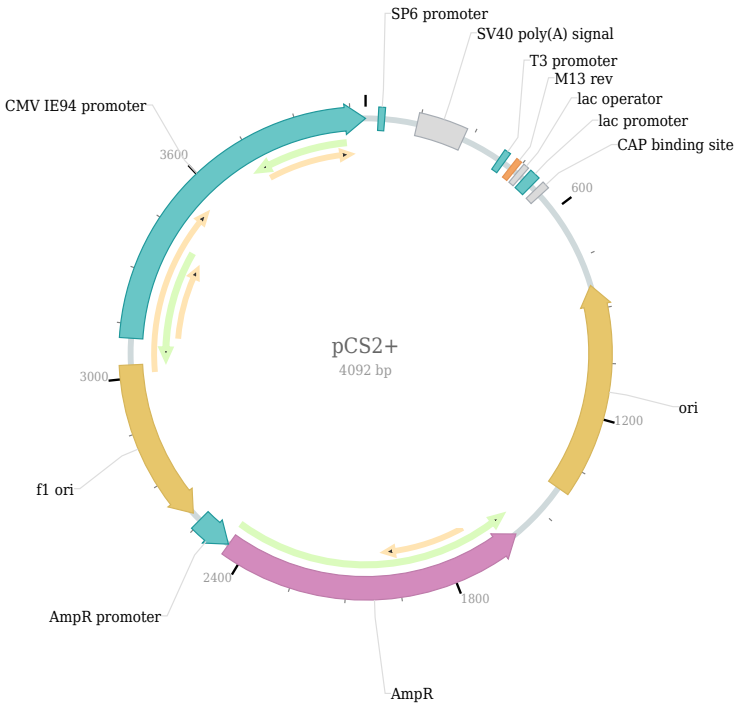
pCS2+

载体编号 Vector ID	V011726
抗性 Antibiotic Resistance	Ampicillin
长度 Length	4092 bp
载体类型 Vector Type	I.M.A.G.E. Consortium Plasmids

产品信息

复制子 Replication Origin	ori
来源 Source/Author	I.M.A.G.E. Consortium
拷贝数 Copy Number	High copy number
启动子 Promoter	sCMV
3' 引物 3' Primer	M13 rev
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pCS2+ contains a powerful enhancer/promoter (simian CMV ie94). In the 5' untranslated region of the mRNA transcribed from the sCMV promoter, there is an SP6 promoter for in vitro RNA synthesis. It also has a T7 promoter in the opposite direction between the multiple cloning site and the SV40 polyadenylation site for probe synthesis. Its backbone is from pBluescriptIKS+. pCS2+ can have high-level transient expression in multiple cell types and for in vitro transcription and translation. It is a great choice when researchers need a vector for gene expression studies in various organisms such as mammalian cells, Xenopus cells, avian cells, and zebrafish cells.

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 ℃.