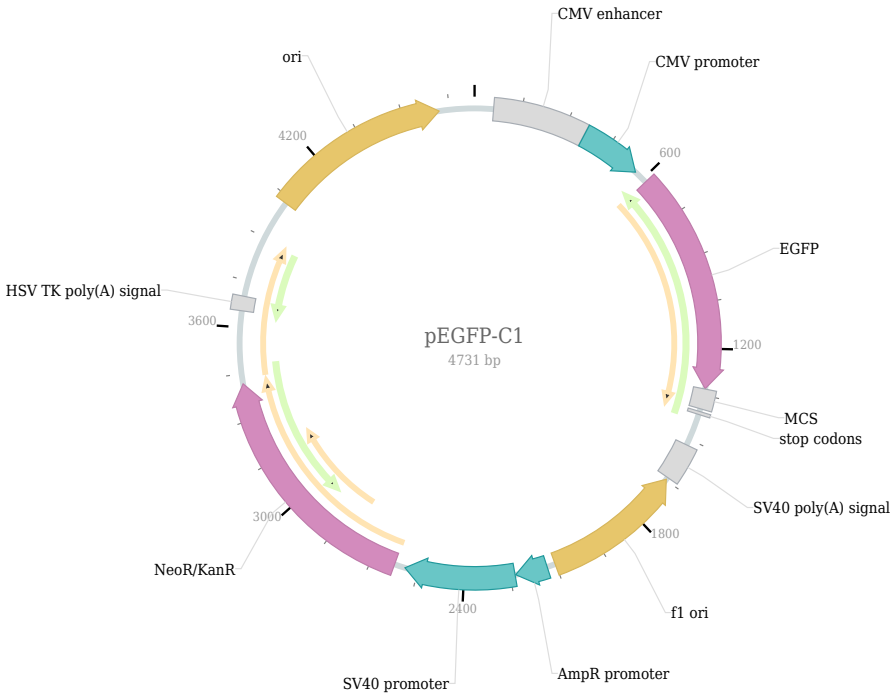
pEGFP-C1

载体编号 Vector ID	V012024
抗性 Antibiotic Resistance	Kanamycin
长度 Length	4731 bp
载体类型 Vector Type	Fluorescent Protein Genes & Plasmids

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Clontech
筛选标记 Selection Marker	Neomycin/G418(Geneticin)
拷贝数 Copy Number	High copy number
启动子 Promoter	CMV
克隆方法 Cloning Method	Enzyme Cut
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
表达方式 Expression Method	Transient
备注 Comment	The pEGFP-C1 vector features an enhanced green fluorescent protein (EGFP) gene. Its multiple cloning site is located after the GFP gene, enabling the N-terminus of the target protein to be fused with GFP in the constructed fusion protein. Commonly used in molecular biology research, it offers a useful tool for observing protein localization and 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 ℃.