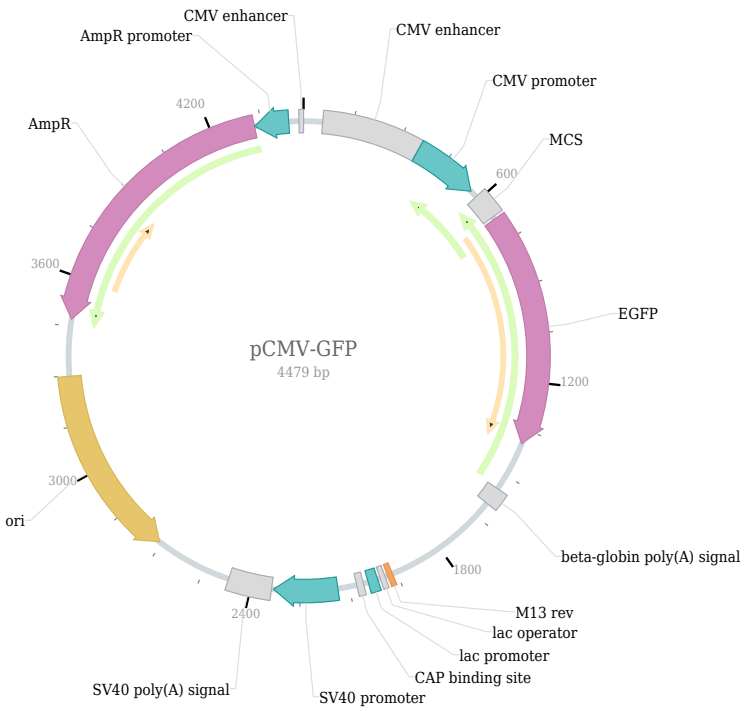
pCMV-GFP

载体编号 Vector ID	V013546
抗性 Antibiotic Resistance	Ampicillin
长度 Length	4479 bp
载体类型 Vector Type	Protein expression
宿主 Host	Mammalian cells

产品信息

复制子 Replication Origin	ori
启动子 Promoter	CMV
融合标签 Fusion Tag	GFP
培养菌株 Growth Strain(s)	DH5a
培养温度 Growth Temperature	37℃
备注 Comment	The pCMV-GFP plasmid is a mammalian expression vector designed for high-level expression of green fluorescent protein (GFP) driven by the strong cytomegalovirus (CMV) promoter. With a size of 4479 bp, it contains an ampicillin resistance gene for bacterial selection and an EGFP insert optimized for mammalian cells. This vector is commonly used for tracking gene expression and protein localization in eukaryotic cells, serving as a transfection control or a backbone for constructing fusion proteins.

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 ℃.