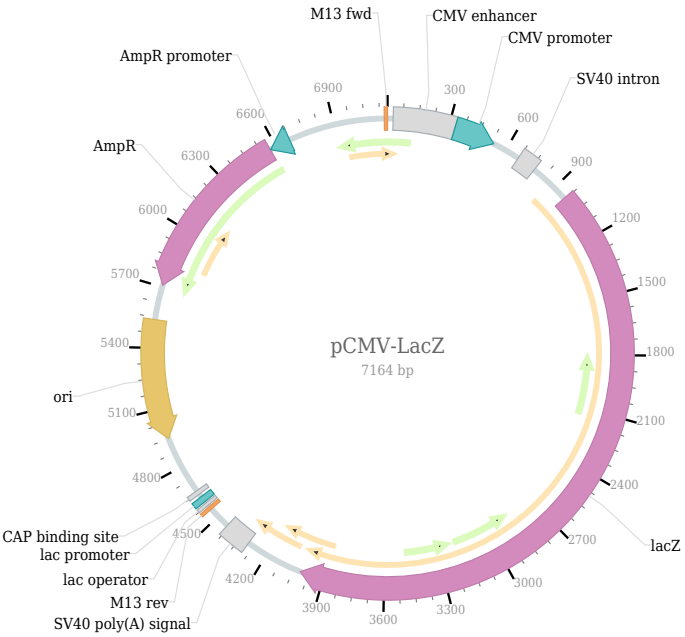
pCMV-LacZ

载体编号 Vector ID	V018112
抗性 Antibiotic Resistance	Ampicillin
长度 Length	7164 bp
载体类型 Vector Type	Mammalian Expression Vectors

产品信息

拷贝数 Copy Number	High copy number
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	The plasmid pCMV-LacZ is designed for high-level constitutive expression of E. coli β-galactosidase in mammalian cells, driven by the CMV promoter. It serves as a positive control in transfection experiments to monitor eukaryotic expression efficiency. Common aliases include pCMVβ, pCMVbeta, and pCMV-beta.

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 ℃.