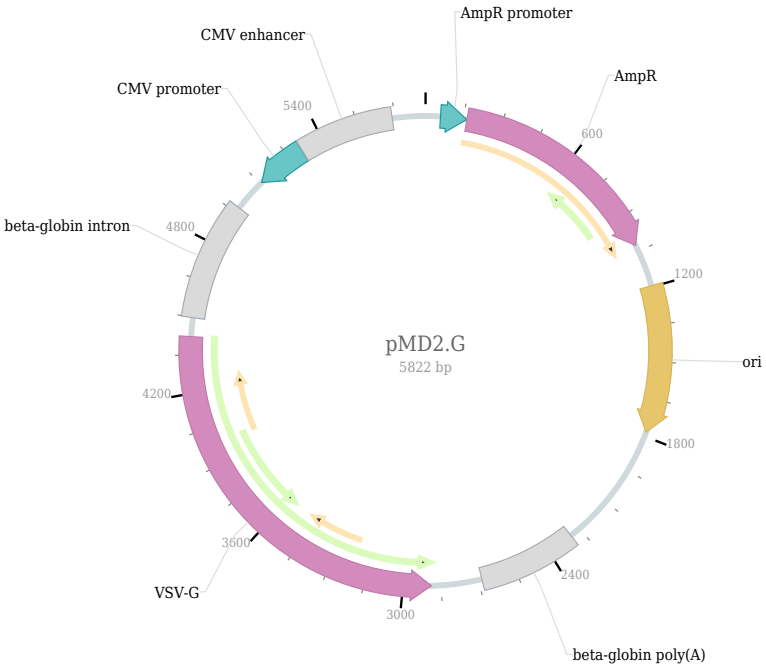
pMD2.G

载体编号 Vector ID	V010404
抗性 Antibiotic Resistance	Ampicillin
长度 Length	5822 bp
载体类型 Vector Type	Viral Expression & Packaging Vectors

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Addgene
拷贝数 Copy Number	High copy number
启动子 Promoter	CMV+intron
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	You may also require the packaging plasmid psPAX2 here. pMD2.G is a envelope plasmid encoding the vesicular stomatitis virus G glycoprotein (VSV-G). Used in lentiviral vector production, it pseudotypes viral particles to enhance stability and broaden tropism, enabling efficient transduction across diverse mammalian cell types. Essential for third-generation lentiviral systems.

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 ℃.