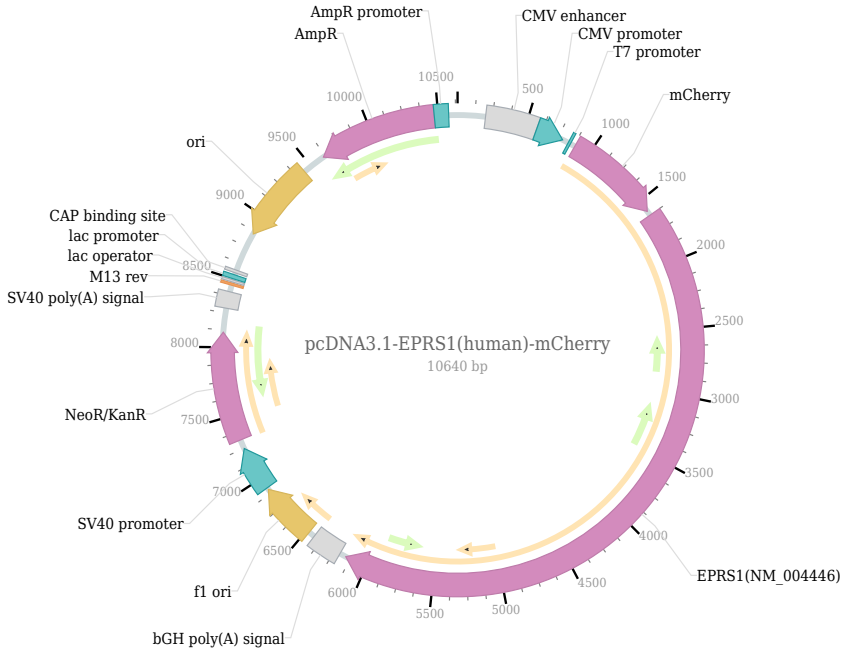
pcDNA3.1-EPRS1(human)-mCherry

载体编号 Vector ID	V029792
登录号 Accession ID	NM_004446.3
抗性 Antibiotic Resistance	Ampicillin
长度 Length	10640 bp
载体类型 Vector Type	Protein expression
宿主 Host	Mammalian cells

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Neo/G418;mCherry
启动子 Promoter	CMV
5' 引物 5' Primer	MCHERRY-F
融合标签 Fusion Tag	mCherry
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	pcDNA3.1-EPRS1(human)-mCherry is designed to express the human EPRS1 gene (NM_004446) fused with mCherry, driven by a strong CMV promoter. The vector includes the NeoR/KanR gene for antibiotic selection in mammalian cells and the AmpR gene for bacterial propagation. It also features the SV40 promoter and f1 ori for additional functionality.

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 ℃.