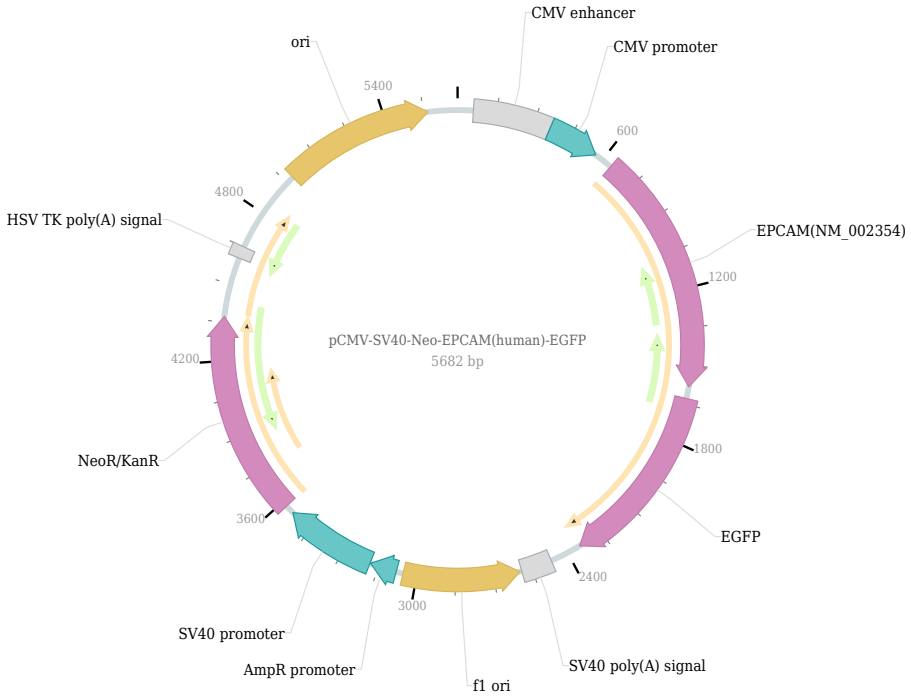
pCMV-SV40-Neo-EPCAM(human)-EGFP

载体编号 Vector ID	V036981
登录号 Accession ID	NM_002354.3
抗性 Antibiotic Resistance	Kanamycin
长度 Length	5682 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;EGFP
启动子 Promoter	CMV
5' 引物 5' Primer	CMV-F
融合标签 Fusion Tag	EGFP
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	pCMV-SV40-Neo-EPCAM(human)-EGFP drives the expression of a human EPCAM-EGFP fusion protein under a strong CMV promoter. The construct includes a downstream SV40 poly(A) signal for transcript termination. It also features the NeoR/KanR gene, controlled by an SV40 promoter, for antibiotic selection in mammalian cells. Additionally, it contains an AmpR promoter and bacterial origin for propagation in E. coli.

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 ℃.