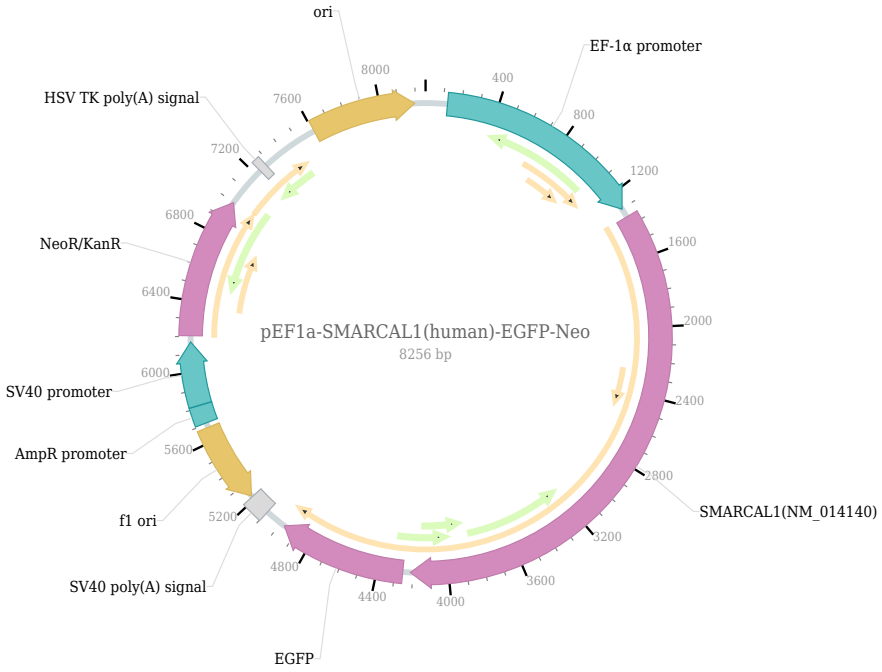
pEF1a-SMARCAL1(human)-EGFP-Neo

载体编号 Vector ID	V042604
登录号 Accession ID	NM_014140.4
抗性 Antibiotic Resistance	Kanamycin
长度 Length	8256 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
拷贝数 Copy Number	High
启动子 Promoter	EF1a
5' 引物 5' Primer	EF1a-R-F
融合标签 Fusion Tag	EGFP
培养菌株 Growth Strain(s)	DH5a
培养温度 Growth Temperature	37℃
表达方式 Expression Method	Transient
备注 Comment	pEF1a-SMARCAL1(human)-EGFP-Neo is an 8256 bp mammalian expression vector. It is designed for expressing the human SMARCAL1 gene fused with EGFP, driven by a strong EF-1α promoter. A NeoR/KanR gene under the SV40 promoter allows for antibiotic selection. The vector also includes an f1 ori for single-stranded DNA production and an AmpR/ori cassette for bacterial propagation.

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 ℃.