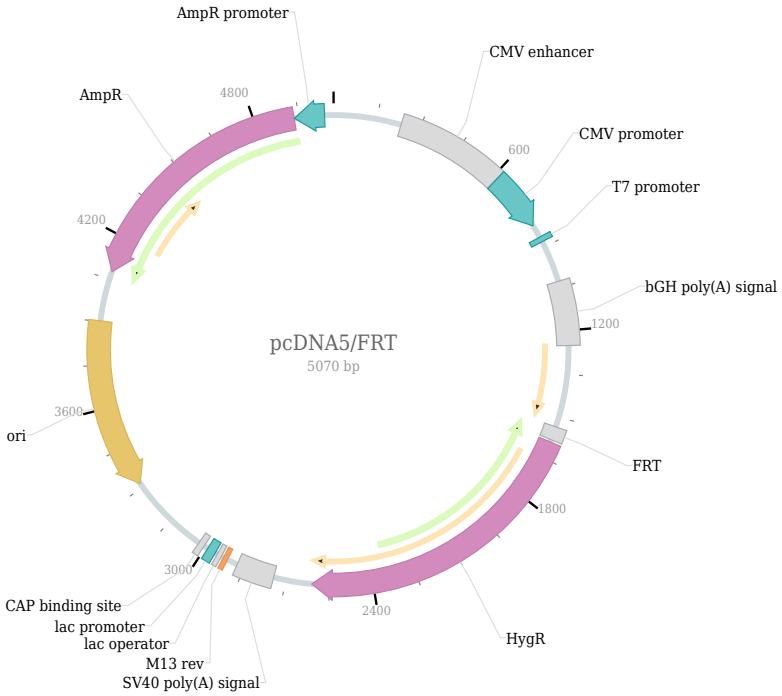
pcDNA5/FRT

载体编号 Vector ID	V001456
抗性 Antibiotic Resistance	Ampicillin
长度 Length	5070 bp
载体类型 Vector Type	Mammalian Expression Vectors

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Invitrogen
筛选标记 Selection Marker	Hygromycin
拷贝数 Copy Number	High copy number
启动子 Promoter	CMV
克隆方法 Cloning Method	Enzyme Cut
5' 引物 5' Primer	T7 promoter
3' 引物 3' Primer	BGH Reverse primer
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
表达方式 Expression Method	Constiutive, Stable / Transient
备注 Comment	pcDNA5/FRT vector is a 5.1 kb expression vector designed for use with the Flp-In™ System. This vector features: 1. CMV promoter for high level expression in mammalian cells; 2. ten unique restriction site for easy cloning; 3. FLP Recombination Target (FRT) site for Flp recombinase-mediated integration of the vector into the Flp-In™ host cell line and 4. Hygromycin resistance gene for selection of stable cell lines.

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 ℃.