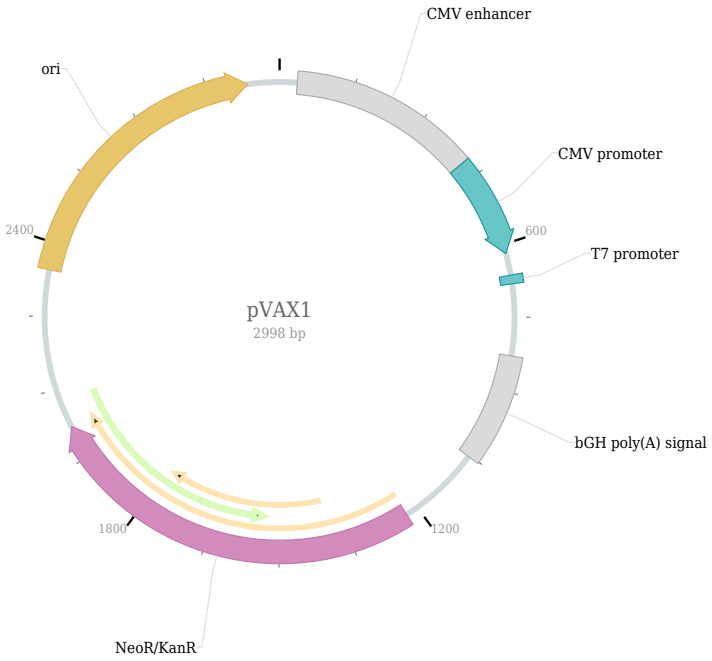
pVAX1

载体编号 Vector ID	V012769
抗性 Antibiotic Resistance	Kanamycin
长度 Length	2998 bp
载体类型 Vector Type	Mammalian Expression Vectors

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Invivogen
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	CMV-F: CGCAAATGGGCGGTAGGCGTG
3' 引物 3' Primer	BGH Reverse: TAGAAGGCACAGTCGAGG
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	pVAX1 is a mammalian expression vector designed for DNA vaccine development. It features a CMV promoter for high-level expression in eukaryotic cells, a kanamycin resistance gene, and a pUC 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 ℃.