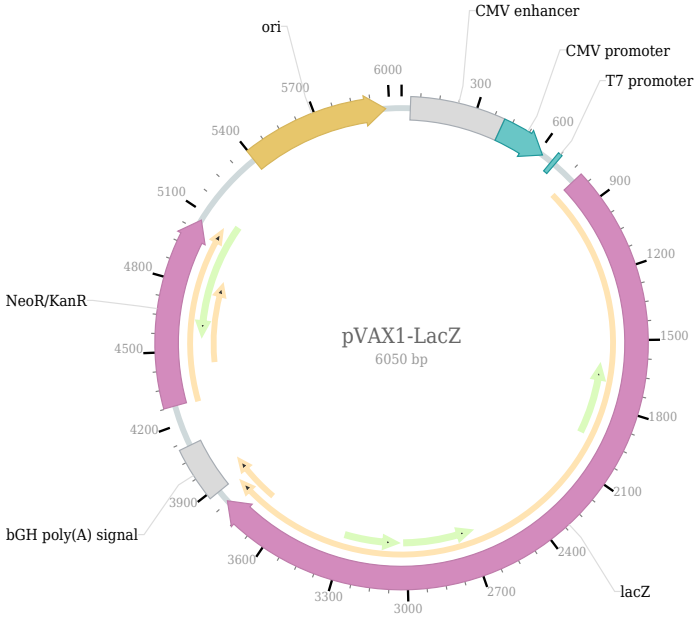
pVAX1-LacZ

载体编号 Vector ID	V014087
抗性 Antibiotic Resistance	Kanamycin
长度 Length	6050 bp
载体类型 Vector Type	DNA vaccine, Protein expression
宿主 Host	Mammalian cells

产品信息

复制子 Replication Origin	ori
启动子 Promoter	CMV
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pVAX1-LacZ is a DNA vaccine reporter plasmid carrying the E. coli lacZ (beta-galactosidase) gene under the CMV promoter. The minimal kanamycin-resistant backbone meets DNA vaccine design criteria, while lacZ enables X-gal/ONPG monitoring of delivery, expression, and formulation performance.

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 ℃.