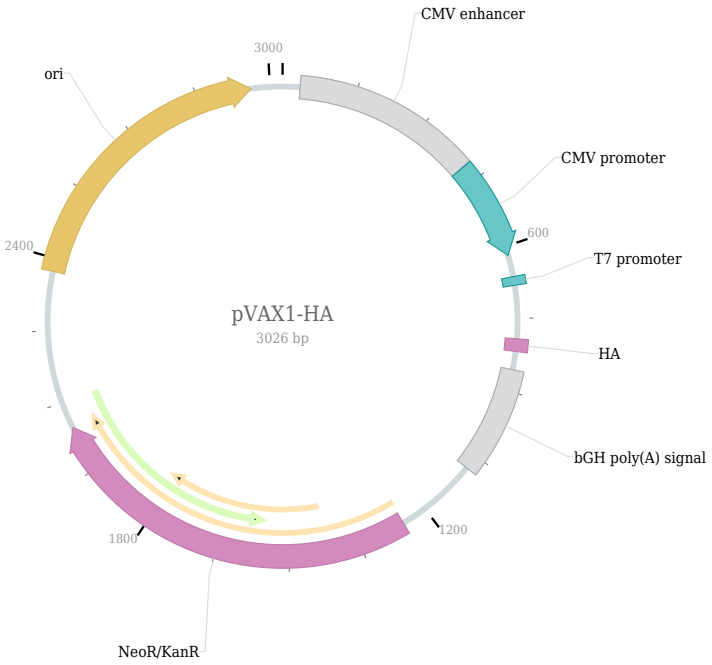
pVAX1-HA

Vector ID	V014933
Antibiotic Resistance	Kanamycin
Length	3026 bp
Vector Type	DNA vaccine, Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Promoter	CMV
Growth Strain(s)	Top 10
Growth Temperature	37℃
Comment	pVAX1-HA is a ~3026 bp eukaryotic expression/DNA-vaccine vector. It drives HA-tagged or HA-antigen expression from a CMV enhancer/promoter, with a T7 promoter, HA epitope, and bGH poly(A) for mRNA processing. The NeoR/KanR marker enables G418/kanamycin selection, while a high-copy pUC/ColE1 ori supports propagation in E. coli.

Vector Map



Plasmid Resuspension Protocol

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 ℃.