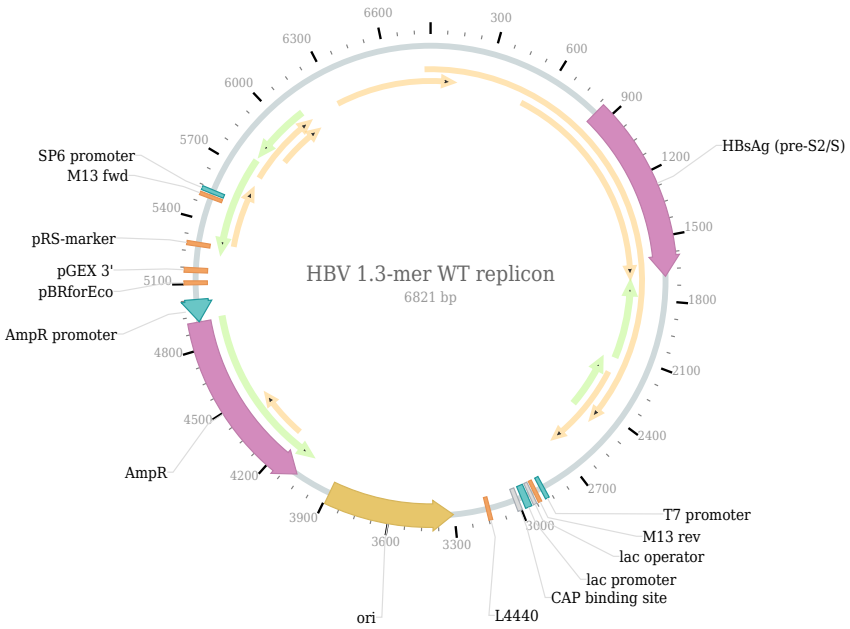
HBV 1.3-mer WT replicon

载体编号 Vector ID	V009181
抗性 Antibiotic Resistance	Ampicillin
长度 Length	6821 bp
载体类型 Vector Type	Mammalian Expression

产品信息

复制子 Replication Origin	ori
拷贝数 Copy Number	High copy number
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	The HBV 1.3-mer WT replicon is a 6.8 kb plasmid, designed for studying hepatitis B virus replication. It contains a greater-than-unit-length (1.3x) wild-type HBV genome, enabling autonomous viral replication and gene expression in transfected cells. The plasmid includes an ampicillin resistance gene (AmpR) for bacterial selection and a high-copy-number ColE1 origin for propagation in E. coli. It is widely used in vitro to investigate HBV replication mechanisms, viral pathogenesis, and the effects of antiviral compounds.

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 ℃.