



HBV Genome AAV Particles

Hepatitis B virus (HBV) infection is a major public health challenge. Mouse models has been widely used to study immune tolerance to HBV antigens and to investigate the mechanisms of viral clearance. AAV vectors have advantages for efficient and long-term gene expression in basic research as well as clinical gene therapies. Among different serotypes of AAV, serotype 8 (AAV8) is the strongest hepatotropic type and is often used in liver related research. So far, several studies have successfully developed mouse models of long-term HBV infection by using AAV8 to deliver HBV genome DNA into mouse liver cells.

Creative Biogene is providing AAV particles containing HBV genome DNA for the discovery of novel targets and approaches for treatment of chronic HBV infection. Our AAV-HBV particles allow long-term transduction, fast HBV modeling, and stable expression of hepatitis B antigen.

Cat.No.	Product Name
AAVH001Z	HBV-D/ayw AAV (Serotype 8)
AAVH002Z	HBV-C/adr AAV (Serotype 8)
AAVH003Z	HBV-C/RD AAV (Serotype 8)
AAVH004Z	HBV-B/adw AAV (Serotype 8)