



# Recombinant HBV Pre S1/S2 (DAG672)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	This product is an <i>Escherichia coli</i> -derived recombinant protein corresponding to amino acids 1-174 of the adw pre-S1/S2 region of the hepatitis B virus.
<b>Species</b>	HBV
<b>Purity</b>	Approximately 95% by SDS PAGE
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA
<b>Molecular Weight</b>	21 kDa
<b>Preservative</b>	None
<b>Storage</b>	2-8°C short term, -20°C long term

## BACKGROUND

<b>Introduction</b>	Hepatitis B virus, abbreviated HBV, is a species of the genus Orthohepadnavirus, which is likewise a part of the Hepadnaviridae family of viruses. This virus causes the disease hepatitis B. The genome of HBV is made of circular DNA, but it is unusual because the DNA is not fully double-stranded. One end of the full length strand is linked to the viral DNA polymerase. The genome is 3020-3320 nucleotides long (for the full length strand) and 1700-2800 nucleotides long (for the short length strand).
<b>Keywords</b>	Hepadnaviridae; Orthohepadnavirus; HB; HBV; Hepatitis B Virus; PRE-S1/S2; pre-S1; pre-S2; Hepatitis B Virus PRE-S1/S2; HBV PRE-S1/S2