

# Recombinant Full Length Hepatitis B Virus Genotype A2 Subtype Adw2 Large Envelope Protein(S) Protein, His-Tagged

Cat. No. RFL25719HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Hepatitis B virus genotype A2 subtype adw2 Large envelope protein(S) Protein (P03141) (2-400aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	HBV-A
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length of Mature Protein (2-400)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	<p>GGWSSKPRKGMGTNLSVNPPLGFFPDHQLDPAFGANSNNPDWDFNPVKDDWPAA  NQVGVG AFGPRLTPPHGGILGWSPQAQGILTTVSTIPPPASTNRQSGRQPTPISPL  RDSHPQAMQ WNSTAFHQTLQDPRVRGLYLPAGGSSSGTVNPAPNIASHISSISART  GDPVTNMENITSG FLGPLLVLQAGFFLLTRILTIPQSLDSWWTSLNFLGGSPVCLGQ  NSQSPTSNHSPTSCPP ICPGYRWMCLRRFIIFLIFLLLCLIFLLVLLDYQGMLPVCPLIP  GSTTTSTGPCKTCTTP AQGNSMFPSCCCTKPTDGNCTCIPISSWAFAYLWEWA  SVRFSWLSLLVPFVQWFVGLS PTVWLSAIWMMWYWGPSLYSIVSPFIPLLPFIFFCL  WVYI</p>
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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for up to one week.

**Storage**

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Storage Buffer**

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## GENE INFORMATION

**Gene Name**

S

**Synonyms**

S; Large envelope protein; L glycoprotein; L-HBsAg; LHB; Large S protein; Large surface protein; Major surface antigen

**UniProt ID**

[P03141](#)

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