

Hepatitis B virus HBSAG Recombinant Protein | HBSAG recombinant protein

Hepatitis B virus HBSAG Protein, hFc Tag

CATALOG # AAA47606	HOST HEK293
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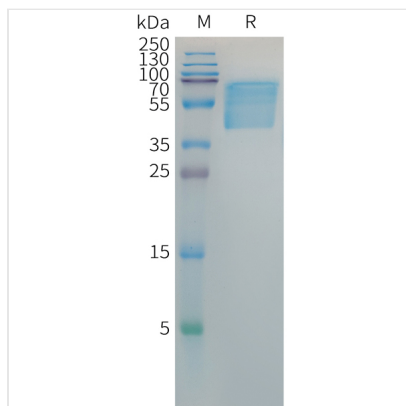
PRODUCT SYNONYMS

Hepatitis B virus HBSAG; Hepatitis B virus HBSAG Protein; hFc Tag; Pre-S1; HBSAG recombinant protein

PRODUCT SPECIFICATIONS

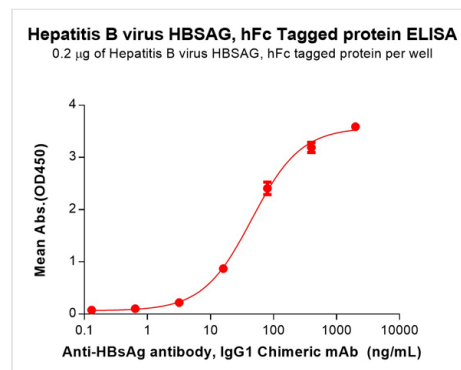
Host	HEK293
Purity/Purification	Purified from cell culture supernatant by affinity chromatography The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose is added as protectants before lyophilization.
Sequence	HBSAG(Gly2 -Ala119)hF c(Glu99-Al a330)
Tag	C-Human Fc Tag
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing).

IMAGES



SDS-PAGE

Figure 1. Hepatitis B virus HBSAG Protein, hFc Tag on SDS-PAGE under reducing condition.



ELISA

Figure 1. Hepatitis B virus HBSAG Protein, hFc Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

Related Product Information for HBSAG recombinant protein	Recombinant Hepatitis B virus HBSAG Protein with C-terminal human Fc tag Hepatitis B virus (HBV) is a human pathogen, causing serious liver disease. At the center of the hepatitis B virus is DNA, which contains the genes the virus uses to replicate itself. Surrounding the DNA is a protein called HBcAg (hepatitis B core antigen), which cannot be detected with blood tests. Surrounding this is HBsAg, which is actually part of the protective "envelope." This envelope surrounds the virus and protects it from attack by the body's immune system. HBsAg stands for hepatitis B surface antigen and is the surface antigen of the Hepatitis-B-Virus (HBV) S-gene. The capsid of a virus has different surface proteins from the rest of the virus. The antigen is a protein that binds specifically on one of these surface proteins. It is commonly referred to as the Australian Antigen.
Product Categories/Family for HBSAG recombinant protein	ECD 1182; ECD Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	172046838
UniProt Accession #	P31869; Q9YZR4
Molecular Weight	43,595 Da
NCBI Official Full Name	Large envelope protein
UniProt Protein Name	Large envelope protein
UniProt Gene Name	S
UniProt Synonym Gene Names	LHB
UniProt Entry Name	HBSAG_HBVC2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/s-recombinant-protein-hek293/47606>