

Hepatitis B Surface Antigen preS1 Recombinant Protein | HBsAg recombinant protein

Recombinant Hepatitis B Surface Antigen preS1

CATALOG #
AAA38296

HOST
Escherichia Coli.

PRODUCT SYNONYMS

Hepatitis B Surface Antigen preS1; Recombinant Hepatitis B Surface Antigen preS1; HBsAg preS1; Hepatitis B Surface Antigen; preS1 Recombinant; HBsAg recombinant protein

PRODUCT SPECIFICATIONS

Host	Escherichia Coli.
Purity/Purification	Purity: Greater than 97.0% as determined by: a) Analysis by RP-HPLC. b) Analysis by SDS-PAGE. Purification Method: Purified by proprietary chromatography technique.
Form/Format	Lyophilized from 0.2 um filtered solution in 20mM PB, pH 7.4, and 50mM NaCl.
Sequence	MGGWSSKPRQ GMGTNLSVPN PLGFFPDHQL DPAFGANSNN PDWDFNPNDK HWPEAHQVGA GAFGPGFTTP HGGLLGWSPQ AQGILTTVPV APPPASTNRQ SGRQPTPISP PLRDSHPQA
Sequence Length	57
Solubility	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at <= -20°C. Further dilutions should be made in appropriate buffered solutions.
Preparation and Storage	This lyophilized HBsAg preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for HBsAg recombinant protein	The Recombinant Hepatitis B Surface Antigen preS1 is approximately 12.6 kDa, a single non-glycosylated polypeptide chain containing 119 amino acids.
Product Categories/Family for HBsAg recombinant protein	Viral Antigens; HEPATITIS B SURFACE ANTIGENS; Viral Antigens; HBsAg

NCBI AND UNIPROT INFORMATION

NCBI GI #	114054630
NCBI Official Full Name	HBsAg, partial
UniProt Protein Name	HBsAg
UniProt Gene Name	HBsAg
UniProt Entry Name	Q09LT5_HBV

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.

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Online datasheet: <https://www.aaabiotech.com/hbsag-recombinant-protein-escherichia-coli/38296>