

HBcAg recombinant protein

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CATALOG # AAA75372	HOST Viral	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

HBcAg; HBcAg protein; Hepatitis B Virus Core Antigen protein; Hep B protein; HBV Core antigen; Hepatitis B Virus protein; HBcAg recombinant protein

PRODUCT SPECIFICATIONS

Host	Viral
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Frozen liquid in 0.02M Potassium phosphate, pH 6.5
Concentration	2.0 mg/ml (varies by lot)
Sequence Length	40
Applicable Applications for HBcAg recombinant protein	WB (Western Blot), ELISA
Grade	Recombinant - Highly Pure
Biological Significance	Hepatitis B virus is an hepadnavirus and it has a circular genome composed of partially double-stranded DNA. The viruses replicate through an RNA intermediate form by reverse transcription, and in this respect they are similar to retroviruses. During the 'window' in which the host remains infected but is successfully clearing the virus, IgM antibodies to the hepatitis B core antigen (anti-HBc IgM) may be the only serological evidence of disease.
Biohazard	Not hazardous. Use normal precautions and procedures when handling.
Expression System	Pichia pastoris
Residues	Full length Hepatitis B Core Antigen (HBcAg)(183 amino acids)
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Upon receipt, store at -70°C. Avoid repeated freeze/thaw cycles

ADDITIONAL INFORMATION

Product Categories/Family for HBcAg recombinant protein	Infectious Disease
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NCBI AND UNIPROT INFORMATION

NCBI GI #	442869615
UniProt Accession #	L8E6H4
Molecular Weight	19 kDa
NCBI Official Full Name	HBcAg, partial
UniProt Protein Name	HBcAg

UniProt Gene Name	C
UniProt Entry Name	L8E6H4_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://stage.aaabiotech.com/c-recombinant-protein-viral-wb-western-blot-elisa/75372>