

HBcAg recombinant protein

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CATALOG # AAA75461	HOST Viral	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

HBcAg; HBcAg protein; Hepatitis B core protein; HBcAg antigen; HBcAg recombinant protein

PRODUCT SPECIFICATIONS

Host	Viral
Purity/Purification	> 95% pure
Form/Format	Supplied frozen in 20mM K3PO4, pH 6.0.
Concentration	Typically 1-3 mg/ml (varies by lot)
Sequence Length	185
Applicable Applications for HBcAg recombinant protein	WB (Western Blot), ELISA
Protein Type	Recombinant
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.
Expression System	Yeast
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	Aliquot and store at -70 degree C or lower. Avoid repeated freeze/thaw cycles

ADDITIONAL INFORMATION

Related Product Information for HBcAg recombinant protein	Purified recombinant HBcAg protein
Product Categories/Family for HBcAg recombinant protein	Infectious Disease

NCBI AND UNIPROT INFORMATION

NCBI GI #	22530877
Molecular Weight	21,395 Da
NCBI Official Full Name	HBcAg
UniProt Protein Name	C protein
UniProt Gene Name	C
UniProt Entry Name	Q67855_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/c-recombinant-protein-viral-wb-western-blot-elisa/75461>