External Core Antigen (C) Recombinant Protein

PRODUCT OVERVIEW

Product Name	External core antigen (C), Recombinant Protein
Full Product Name	Recombinant Hepatitis B virus genotype C subtype adr External core antigen (C)
Product Gene Name	C recombinant protein
Sequence	SKLCLGWLWG MDIDPYKEFG ASVELLSFLP SDFFPSIRDL LDTASALYRE ALESPEHCSP HHTALRQAIL CWGELMNLAT WVGSNLEDPA SRELVVSYVN VNMGLKIRQL LWFHISCLTF GRETVLEYLV SFGVWIRTPP AYRPPNAPIL STLPETTVVR RRGR
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	21,095 Da
Sequence Positions	20-183, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for P0C6H5
Species	Hepatitis B virus genotype C subtype adr (strain Japan/adr4/1983) (HBV-C)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for C recombinant protein	MBS1088228 is a recombinant protein targeting C. Also known as Recombinant Hepatitis B virus genotype C subtype adr External core antigen (C). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of C recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for C. It may not necessarily be applicable to this product.

NCBI GI #	172044548
NCBI Accession #	P0C6H5.1
UniProt Primary Accession #	P0C6H5
NCBI Official Full Name	External core antigen
UniProt Protein Name	External core antigen
UniProt Synonym Protein Names	HBeAg
UniProt Gene Name	C

UniProt Comments for C	May regulate immune response to the intracellular capsid in acting as a T-cell tolerogen, by having an immunoregulatory effect which prevents destruction of infected cells by cytotoxic T-cells. This immune regulation may predispose to chronicity during perinatal infections and prevent severe liver injury during adult infections.
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