



Recombinant Hepatitis B virus genotype B1 Capsid protein (C)

Product Code	CSB-EP314026HDT-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0C677
Product Type	Recombinant Protein
Immunogen Species	Hepatitis B virus genotype B1 (isolate Japan/Ry30/2002) (HBV-B)
Purity	>85% (SDS-PAGE)
Sequence	MDIDPYKEFG ASVELLSFLP SDFFPSVRDL LDTASALYRE ALESPEHCSP HHTAIRQAIL CWVELMTLAS WVGQNLQDQA SRDLVVNYVN TNMGLKIRQL LWFHISCLTF EREVVLEYLV SFGVWIRTPP AYRPPNAPIL STLPETTVIR RRGRSPRRRT PSPRRRRRSQS PRRRRRSQSRE PQC
Source	E.coli
Target Names	C
Protein Names	Recommended name: Capsid protein Alternative name(s): Core antigen Core protein HBcAg p21.5
Expression Region	1-183
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.