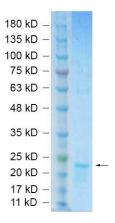


## Hepatitis B Core Protein (HBcAg)

CATALOG NUMBER: HBV-232-005P, 50 µg

Applications	Western Blot, ELISA, antigen, etc.
Introduction	The hepatitis B core protein (HBcAg) is the major component of the nucleocapsid shell packaging the HBV genome. This 185 amino acid non-glycosylated protein is expressed in the cytoplasm of infected cells. It is an indicator of active viral replication; this means the person infected with Hepatitis B can likely transmit the virus on to another person.
	HBeAg is the extracellular form of HBcAg. Both <u>HBeAg</u> and HBcAg are made from the same reading frame, but HBeAg is secreted from cells and accumulates in serum as an immunologically distinct soluble antigen
Description	The E.coli derived recombinant protein contains the HBV core immunodominant region amino acids 1-185
Source	Escherichia Coli.
Storage	Store at 4 $^{\circ}$ C but should be kept at -20 $^{\circ}$ C for long term storage. Non-hazardous.
Concentration	50 μg (1 μg/μl), sterile filtered in 25 mM Tris-HCl, pH8.0, 50 mM NaCl, 1.5 mM EDTA, 1.5 mM Urea & 50% glycerol
Purity	> 90% pure by 10% SDS-PAGE gel
Specificity	Immunoreactive with sera HBV-infected individuals



SDS-PAGE (4-20%): in vitro expressed and purified HBcAg protein

Please consider the environment before printing.