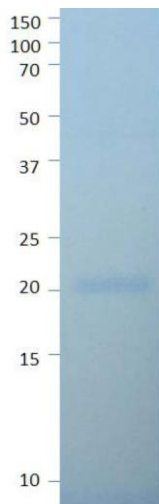


## Hepatitis B Core Protein (HBcAg)

CATALOG NUMBER: HBV-C-005P, 50 µg

<b>Applications</b>	Western Blot, ELISA, antigen, etc.
<b>Introduction</b>	<p>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.</p> <p>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.</p>
<b>Description</b>	C-terminal 6x his tagged HBV core protein (HBcAg)(aa 1-149)(GenBank Accession#: AB031261.1)
<b>Source</b>	<i>Escherichia Coli</i> .
<b>Storage</b>	Store at 4 °C but should be kept at -20 °C for long term storage. Non-hazardous.
<b>Concentration</b>	1 µg/µl in PBS with 8 M Urea
<b>Purity</b>	> 95% pure by 10% SDS-PAGE gel



**SDS-PAGE:** purified HBcAg recombinant protein

### HBcAg Protein (aa 1-149) Sequence:

MDIDPYKEFGASVELLSFLPSPDFFPSIRDLLDTASALYREALSPEHCSPHHTALRQAILCWGELMNLATWVGSNLEDPASRE  
LVVSYVNVNMGKIRQLLWFHISCLTFGRETVLEYLVSFVWIRTPPAYRPPNAPILSTLPETTIVVHHHHHH

