

## Recombinant Hepatitis B Virus (HBV)(ayw/France/Tiollais/1979) Capsid protein (His Tag)

Catalog No. PKSV030175

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

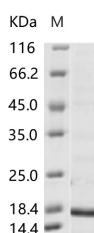
### Description

<b>Synonyms</b>	Capsid
<b>Species</b>	HBV
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Met1-Val149
<b>Accession</b>	P03146-1
<b>Calculated Molecular Weight</b>	17.7 kDa
<b>Tag</b>	C-His

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	Please contact us for more information.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from sterile 150mM NaCl, 50mM Tris, 0.5mM EDTA, pH 7.0 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

### Data



> 95 % as determined by reducing SDS-PAGE.

### Background

Hepatitis B virus (HBV) capsid assembly is a critical step in the propagation of the virus and is mediated by the core protein. The first cytoplasmic step in the formation of an infectious HBV virion is the formation of a capsid containing pregenomic RNA (pgRNA) and the viral polymerase (Pol). HBV capsid assembly is an attractive target for new antiviral

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therapies.