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

Catalog Number: PKSV030175

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

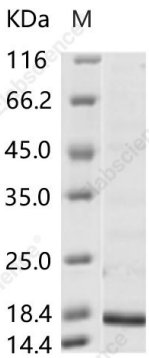
Description

Species	HBV
Source	E.coli-derived HBV Hepatitis B Virus (HBV)(ayw/France/Tiollais/1979) Capsid protein Met1-Val149, with an C-terminal His
Calculated MW	17.7 kDa
Accession	P03146-1
Bio-activity	Not validated for activity

Properties

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile 150 mM NaCl, 50 mM Tris, 0.5 mM EDTA, pH 7.0 Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	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 therapies.

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