

Biotinylated Recombinant Human HBV(HLA-A*02:01) Protein

Catalog No.: RP02754 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human		A0A140T913(HLA-A*02:01)&P61769(B2M)&FLLTRILTI peptide

Tags

C-His&Avi

Synonyms

Hepatitis B virus; MHC; HBV

Product Information

Source	Purification
HEK293 cells	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Calculated MW	Observed MW
50.5 kDa	52-62 kDa

Endotoxin

Less than 1EU per µg by the LAL method.

Formulation

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Background

Hepatitis B virus (HBV), is the leading cause of liver diseases infecting an estimated 240 million persons worldwide. The HBV prevalence rates are variables between different countries, with a high level of endemicity in the south-eastern part of Europe. Seven main HBV-D subgenotypes have been described until now (D1-D7).

Basic Information

Description

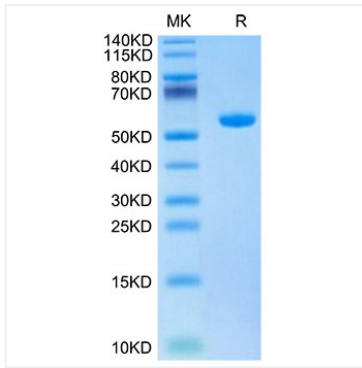
Recombinant Biotinylated Human HBV(HLA-A*02:01) Protein is expressed from Expi293 with His tag and Avi tag at the C-terminal. It contains Gly25-Thr305(HLA-A*02:01), Ile21-Met119(B2M) and FLLTRILTI peptide.

Bio-Activity

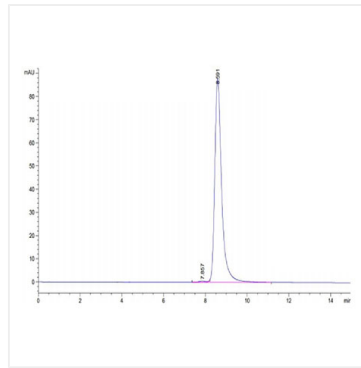
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Validation Data



Biotinylated Human HBV (HLA-A*02:01) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Biotinylated Human HBV (HLA-A*02:01) is greater than 95% as determined by SEC-HPLC.