

## Recombinant Human HBV (HLA-A\*02:01) Protein, His-Avi Tag

### 产品信息

产品名称	产品编号	规格
Recombinant Human HBV (HLA-A*02:01) Protein, His-Avi Tag	93015ES60	100 µg
	93015ES76	500 µg

### 产品简介

Hepatitis B virus (HBV), is the leading cause of liver diseases . The Human HLA-A\*0201 HBV (FLLTKILTI) complex protein is a complex of HLA-A\*0201 of the MHC Class I, B2M, and FLLTKILTI peptide of the HBV.

### 性能参数

<b>Synonyms</b>	Hepatitis B virus; MHC; HBV
<b>Uniprot No.</b>	A0A140T913(HLA-A*02:01)&P61769(B2M)&FLLTRILTI peptide
<b>Source</b>	Recombinant Human HBV(HLA-A*02:01) Protein is expressed from HEK293 cells with His tag and Avi tag at the C-terminal It contains Gly25-Thr305(HLA-A*02:01),Ile21-Met119(B2M) and FLLTRILTI peptide.
<b>Molecular Weight</b>	The protein has a predicted MW of 50.5 kDa. Due to glycosylation, the protein migrates to 52-62 kDa based on Tris-Bis PAGE result.
<b>Purity</b>	> 95% as determined by SDS-PAGE and HPLC.
<b>Endotoxin</b>	<1.0 EU per 1µg of the protein by the LAL method.
<b>Formulation</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Reconstitution</b>	Centrifuge tubes before opening. Dissolve lyophilized protein with sterile water to ensure the concentration is greater than 100 ug/mL.

### 储存条件

The product should be stored at -25~-15°C for 1 year from date of receipt.

2-7 days, 2 ~8 °C under sterile conditions after reconstitution.

3 months, -25~-15°C under sterile conditions after reconstitution.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

### 注意事项

1. Please operate with lab coats and disposable gloves, for your safety.
2. This product is for research use only.

## 产品数据

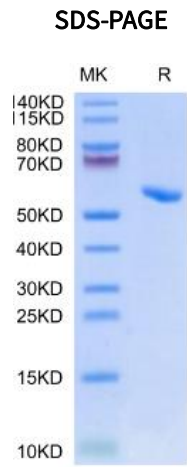


Figure 1. Human HBV (HLA-A\*02:01) on SDS-PAGE under reduced condition. The purity is greater

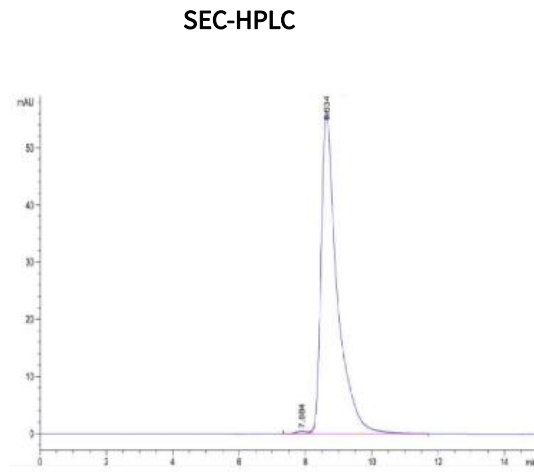


Figure 2. The purity of Human HBV (HLA-A\*02:01) is greater than 95% as determined by SEC-HPLC.