

Recombinant Human HLA-A&B2M protein, His-Avi-tagged, Biotinylated

Cat. No. HLA-A&B2M-1568H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human HLA-A&B2M protein(AAV53343.1(HLA-A*11:01)&P61769(B2M)&VVVGAGGVGK)(Gly25-Thr305(HLA-A*11:01),Ile21-Met119(B2M)and VVGAGGVGK peptide), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gly25-Thr305(HLA-A*11:01),Ile21-Met119(B2M)and VVGAGGVGK peptide
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 50.30 kDa. Due to glycosylation, the protein migrates to 53-63 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual

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defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

Conjugation

Biotin

GENE INFORMATION

Gene Name

HLA-A major histocompatibility complex, class I, A [Homo sapiens]

Official Symbol

HLA-A

Synonyms

HLA-A; major histocompatibility complex, class I, A; HLA class I histocompatibility antigen, A-1 alpha chain; antigen presenting molecule; leukocyte antigen class I-A; MHC class I antigen HLA-A heavy chain; HLAA; FLJ26655;

Gene ID

3105

mRNA Refseq

NM_001242758

Protein Refseq

NP_001229687

UniProt ID

P01891

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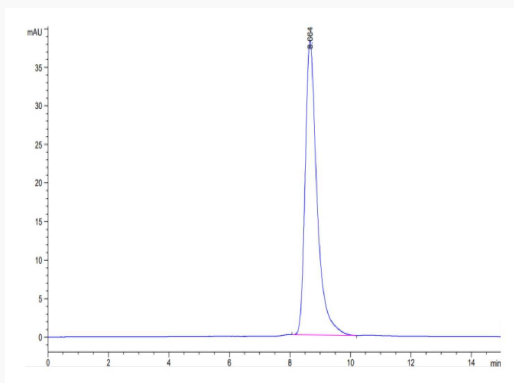
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Tris-Bis PAGE



SEC-HPLC



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