

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

Cat. No. HLA-A&B2M-1548H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human HLA-A&B2M protein(A0A140T913(HLA-A*02:01)&P61769(B2M)&SLLMWITQC)(Gly25-Thr305(HLA-A*02:01),Ile21-Met119(B2M)and SLLMWITQC peptide), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gly25-Thr305(HLA-A*02:01),Ile21-Met119(B2M)and SLLMWITQC peptide
Conjugation/Label	Biotin
Form	Supplied as 0.22µm filtered solution in 20mM Tris, 500mM NaCl (pH 7.4).
Molecular Mass	The protein has a predicted MW of 258 kDa. Due to glycosylation, the protein migrates to 260-265 kDa under Non reducing (N) condition based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE
Storage	Valid for 12 months from date of receipt when stored at -80°C.; Recommend to

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aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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