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

Cat. No. HLA-A&B2M-1586H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HLA-A&B2M protein(A0A140T913(HLA-A*02:01)&P61769(B2M)&SLLQHLIGL)(Gly25-Thr305(HLA-A*02:01), Ile21-Met119(B2M)and SLLQHLIGL 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 SLLQHLIGL peptide
Form	Supplied as 0.22μm filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 50.40 kDa. Due to glycosylation, the protein migrates to 51-58 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	Valid for 12 months from date of receipt when stored at -80°C.;Recommend to 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

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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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