

Recombinant Human HLA-G&B2M Protein, His-Avi-tagged

Cat. No. HLA-G&B2M-392H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human peptide/B2M/ HLA-G complex Tetramer Protein(NP_002118)(Gly25-Thr305 (HLA-G),Ile21-Met119 (B2M)) is expressed from Expi293 with a His and a Avi Tag at the C-terminal.
Species	Human
Source	HEK293
ProteinLength	It contains Gly25-Thr305 (HLA-G),Ile21-Met119 (B2M) and RIIPRHLQL peptide design.
Form	Supplied as 0.22um filtered solution in PBS , pH7.4.
Molecular Mass	The protein has a predicted MW of 50.5 kDa.Due to glycosylation, the protein tetramer migrates to 230-260 KDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1 EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	The product should be stored at -70°C. 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.

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GENE INFORMATION

Gene Name	HLA-G major histocompatibility complex, class I, G [Homo sapiens]
Official Symbol	HLA-G
Synonyms	HLA-G; major histocompatibility complex, class I, G; HLA G histocompatibility antigen, class I, G; HLA class I histocompatibility antigen, alpha chain G; b2 microglobulin; HLA G antigen; HLA class I molecule; MHC class I antigen G; HLA-G histocompatibility antigen, class I, G; MHC-G
Gene ID	3135
mRNA Refseq	NM_002127
Protein Refseq	NP_002118
MIM	142871
UniProt ID	P17693

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