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

Cat. No. HLA-G&B2M-390H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HLA-G&B2M Protein(P17693-1(HLA-G)&P61769(B2M)&RIIPRHLQL)(Gly25-Thr305 (HLA-G), Ile21-Met119 (B2M) and RIIPRHLQL peptide), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gly25-Thr305 (HLA-G), Ile21-Met119 (B2M) and RIIPRHLQL peptide
Tag	C-His
Form	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized APC-equivalent Human HLA-G&B2M&Peptide (RIIPRHLQL) Tetramer, His Tag at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Anti-HLA-G&B2M&Peptide (RIIPRHLQL) Antibody, hFc Tag with the EC50 of 2.5ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 301.2 kDa.
Endotoxin	Less than 1EU per μg by the LAL method.
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 minimize freeze-thaw

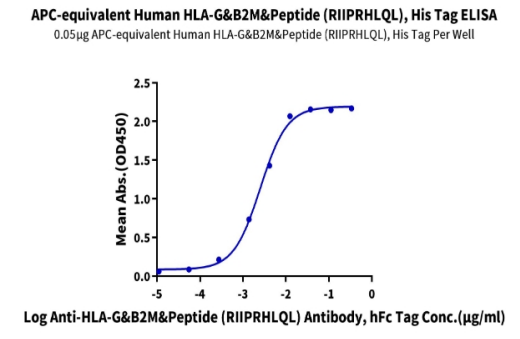
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	cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GeneID 2	567

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
Gene Name 2	B2M beta-2-microglobulin [Homo sapiens]
Official Symbol 2	B2M

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Synonyms 2	B2M; beta-2-microglobulin; beta-2-microglobin; beta chain of MHC class I molecules;
mRNA Refseq 2	NM_004048
Protein Refseq 2	NP_004039
MIM 2	109700
UniProt ID 2	P61769
SDS-PAGE	

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