

Recombinant Human HLA-G protein, His-Avi-tagged, Biotinylated

Cat. No. HLA-G-504H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human HLA-G protein(P17693-1(HLA-G)&P61769(B2M)&RIIPRHLQL), fused with His tag and Avi tag at the C-terminal, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	It contains Gly25-Thr305(HLA-G),Ile21-Met119(B2M) and RIIPRHLQL peptide.
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
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 > 95% as determined by HPLC
Storage	The product should be stored at -70°C or -20°C.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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-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
------------	--------

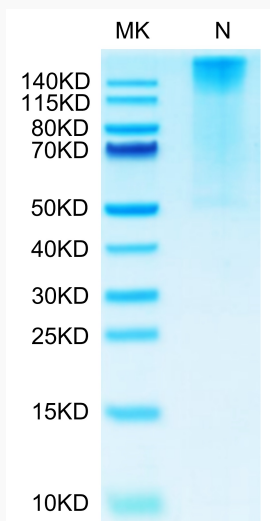
UniProt ID	P17693
-------------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

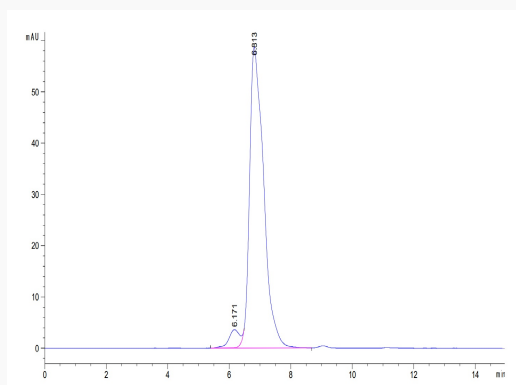
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Tris-Bis PAGE



SEC-MALS

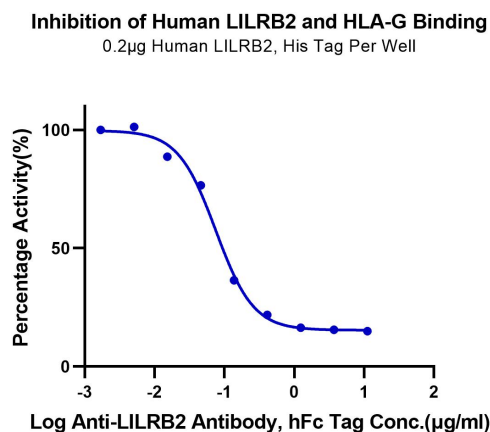


Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

Blocking Data



Serial dilutions of Anti-LILRB2 Antibody were added into Human LILRB2, His Tag : Biotinylated HLA-G Complex Tetramer, His Tag binding reactions. The half maximal inhibitory concentration (IC50) is 75.3ng/ml.

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA