

## Recombinant Human HLA-G Protein, His-tagged

Cat. No. HLA-G-033H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HLA-G Protein(NP_002118)(26-308 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	26-308 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
<b>AA Sequence</b>	SHSMRYFSAA VSRPSRGEPR FIAMGYVDDT QFVRFDSDSA CPRMEPRAPW VEREGPEYWE EETRNTKAHA QTDRMNLQTL RGYYNQSEAS SHTLQWMIGC DLGSDGRLLR GYEQYAYDGK DYALNEDLR SWTAADTAAQ ISKRKCEAAN VAEQRRAYLE GTCVEWLHRY LENGKEMLQR ADPPKTHVTH HPVFDYEATL RCWALGFYPA EIILTWQRDG EDQTQDVELV ETKPAGDGTF QKWAADVVP GEEQRYTCHV QHEGLPEPLM LRWKQSSLPT IPI
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## 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\_002127.5

**Protein Refseq**

NP\_002118.1

**MIM**

142871

**UniProt ID**

P17693

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