

## Recombinant Human HLA-G protein, His-B2M-tagged

**Cat. No.** HLA-G-4305H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HLA-G protein(P17693)(25-308aa), fused to N-terminal His tag and B2M tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	25-308aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	47.2 kDa
<b>AA Sequence</b>	<p>           GSHSMRYFSAAVSRPGRGEPFIAMGYVDDTQFVRFSDSACPRMEPRAPWVEQ            EGPEYWEEETRNTKAHAQTDRMNLQTLRGYYNQSEASSHTLQWMIGCDLGSDGR            LLRGYEQYAYDGKDYALNEDLRSWTAADTAAQISKRKCEANVAEQRRAYLEGTC            VEWLHRYLENGKEMLRADPPKTHVTHHPVFDYEATLRCWALGFYPAEIILTWQRD            GEDQTQDVELVETRPAGDGTFFQKWAAVVPSGEEQRYTCHVQHEGLPEPLMLRW            KQSSLPTIPI         </p>
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated

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freeze-thaw cycles.

**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

## 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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