

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

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

SPECIFICATION

Product Overview	Recombinant Human HLA-G protein(P17693)(25-308aa), fused to N-terminal His tag and B2M tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	25-308aa
Form	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.
Molecular Mass	47.2 kDa
AA Sequence	GSHSMRYFSAAVSRPGRGEPRIAMGYVDDTQFVRFDSDSACPRMEPRAPWVEQ EGPEYWEEETRNTKAHAQTDRMNLQTLRGYYNQSEASSHTLQWMIGCDLGSDGR LLRGYEQYAYDGKDYLALNEDLRSWTAADTAAQISKRKCEANVAEQRRAYLEGTC VEWLHRYLENGKEMLQRADPPKTHVTHHPVFDYEATLRCWALGFYPAEIILTWQRD GEDQTQDVELVETRPAGDGTQKWA VVPSGEEQRYTCHVQHEGLPEPLMLRW KQSSLPTIPI
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	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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