Recombinant Human HLA-G Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human HLA-G Protein(NP_002118)(26-308 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	26-308 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	SHSMRYFSAA VSRPSRGEPR FIAMGYVDDT QFVRFDSDSA CPRMEPRAPW VEREGPEYWE EETRNTKAHA QTDRMNLQTL RGYYNQSEAS SHTLQWMIGC DLGSDGRLLR GYEQYAYDGK DYLALNEDLR SWTAADTAAQ ISKRKCEAAN VAEQRRAYLE GTCVEWLHRY LENGKEMLQR ADPPKTHVTH HPVFDYEATL RCWALGFYPA EIILTWQRDG EDQTQDVELV ETKPAGDGTF QKWAAVVVPS GEEQRYTCHV QHEGLPEPLM LRWKQSSLPT IPI
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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 ḡ/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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