

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

Cat. No. HLA-G-3036H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HLA-G protein(P17693)(25-308aa), fused to N-terminal His tag and SUMO 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	48.7 kDa
AA Sequence	GSLSMRYFSAAVSRPGRGEPRIAMGYVDDTQFVRFDSDSACPRMEPRAPWVEQ EGPEYWEEETRNTKAHAQTDRMNLQTLRGYYNQSEASSHTLQWMIGCDLGSDGR LLRGYEQYAYDGKDYLALNEDLRSWTAADTAAQISKRKCEANVAEQRRAYLEGTC VEWLHRYLENGKEMLQRADPPKTHVTHHPVFDYEATLRCWALGFYPAEIILTWQRD GEDQTQDVELVETRPAGDGTQKWAAVVVPSEEGQRYTCHVQHEGLPEPLMLRW KQSSLPTIPI
Purity	Greater than 85% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated 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. Our default final concentration of glycerol is 50%.
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