

## Recombinant Human HLA-G protein

Cat. No. HLA-G-5426H Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human HLA-G protein(P17693)(25-338aa), fused to N-terminal His and SUMOstar tag, was expressed in Yeast.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | Yeast   |
| <b>ProteinLength</b>    | 25-338 a.a.   |
| <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>   | 48.7 kDa  |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.  |
| <b>Reconstitution</b>   | 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

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|------------------------|--|
| <b>Gene Name</b>       | HLA-G major histocompatibility complex, class I, G [ Homo sapiens ]  |
| <b>Official Symbol</b> | HLA-G  |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | 3135   |
| <b>mRNA Refseq</b>     | NM_002127  |
| <b>Protein Refseq</b>  | NP_002118  |
| <b>MIM</b>             | 142871   |
| <b>UniProt ID</b>      | P17693   |
| <b>SDS-PAGE</b>        |  |

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