

# Recombinant Human HLA-B protein, His-tagged

**Cat. No.** HLA-B-424H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human HLA-B protein(P01889)(25-309aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 25-309aa                                                                                                                                                                                                                                                                                                          |
| <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>   | 38.9 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>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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. |

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**AA Sequence**

GSHSMRYFYTSVSRPGRGEPFRFISVGYVDDTQFVRFDSDAASPREEPRAPWIEQE  
 GPEYWDRNTQIYKAQAQTDRESLRNLRGYYNQSEAGSHTLQSMYGCDVGPDGRLL  
 RGHDQYAYDGKDYIALNEDLRSWTAADTAAQITQRKWEAAREAEQRRAYLEGECEV  
 EWLRRYLENGKDKLERADPPKTHVTHHPISDHEATLRCWALGFYPAEITLTWQRDG  
 EDQTQDTELVETRPAGDRTFQKWAAVVPSGEEQRYTCHVQHEGLPKPLTLRWEP  
 SSQSTVPIV

**GENE INFORMATION**

**Gene Name** [HLA-B major histocompatibility complex, class I, B \[ Homo sapiens \]](#)

**Official Symbol** [HLA-B](#)

**Synonyms**

HLA-B; major histocompatibility complex, class I, B; ankylosing spondylitis , AS;  
 lymphocyte antigen; MHC class I antigen SHCHA; MHC Class I HLA heavy chain;  
 MHC class I antigen GN00104; leukocyte antigen class I-B; MHC HLA-B cell surface  
 glycoprotein; MHC HLA-B transmembrane glycoprotein; MHC class I antigen HLA-B  
 heavy chain; HLA class I histocompatibility antigen, B alpha chain; AS; HLAB;  
 SPDA1; MGC111087;

**Gene ID** [3106](#)

**mRNA Refseq** [NM\\_005514](#)

**Protein Refseq** [NP\\_005505](#)

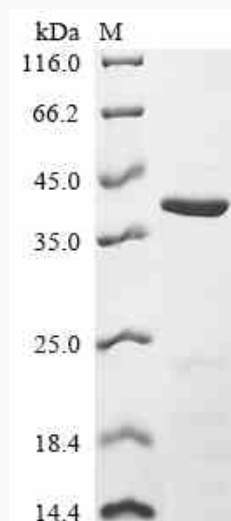
**UniProt ID** [P01889](#)

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## SDS-PAGE



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