

## Recombinant Human HLA-A protein, His-B2M-tagged

Cat. No. HLA-A-4302H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HLA-A protein(A0A140T913)(25-299aa), fused to N-terminal His tag and B2M tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	25-299aa
<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>	48.8 kDa
<b>AA Sequence</b>	<p>GSHSMRYFFTSVSRPGRGEPRIAVGYVDDTQFVRFSDAASQRMEPRAPWIEQE  GPEYWDGETRKVKAHSQTHRVDLGLTRGYYNQSEAGSHTVQRMYGCDVGS DWR  FLRGYHQYAYDGKDYIALKEDLRSWTAADMAAQTTKHKWEAAHVAEQLRAYLEGT  CVEWLRRYLENGKETLQRTDAPKTHMTHHAVSDHEATLRCWALSFYPAEITLTWQR  DGEDQTQDTELVETRPAGDGT FQKWA AVVVPSGQEQR YTCHVQHEGLPKPLTLR  WE</p>
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	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-A major histocompatibility complex, class I, A [ Homo sapiens ]

**Official Symbol**

HLA-A

**Synonyms**

HLA-A; major histocompatibility complex, class I, A; HLA class I histocompatibility antigen, A-1 alpha chain; antigen presenting molecule; leukocyte antigen class I-A; MHC class I antigen HLA-A heavy chain; HLAA; FLJ26655;

**Gene ID**

3105

**mRNA Refseq**

NM\_001242758

**Protein Refseq**

NP\_001229687

**UniProt ID**

P01891

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