

# Recombinant Human HLA-A Protein (Gly25-Leu300), N-His tagged

Cat. No. HLA-A-2936H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human HLA-A (Gly25-Leu300) protein fused with the N-terminal His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gly25-Leu300
<b>Description</b>	Antigen-presenting major histocompatibility complex class I (MHCI) molecule. In complex with B2M/beta 2 microglobulin displays primarily viral and tumor-derived peptides on antigen-presenting cells for recognition by alpha-beta T cell receptor (TCR) on HLA-A-restricted CD8-positive T cells, guiding antigen-specific T cell immune response to eliminate infected or transformed cells.
<b>Molecular Mass</b>	34.12 kDa
<b>Purity</b>	>90 % as determined by SDS-PAGE.
<b>Notes</b>	For research use only.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Storage Buffer</b>	Supplied as solution form in PBS, pH 7.5, 0.02 % sarcosyl or lyophilized from PBS, pH 7.5, 0.02 % sarcosyl.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution.
<b>Shipping</b>	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

## GENE INFORMATION

<b>Gene Name</b>	HLA-A major histocompatibility complex, class I, A [ Homo sapiens (human) ]
<b>Official Symbol</b>	HLA-A
<b>Synonyms</b>	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;
<b>Gene ID</b>	3105
<b>mRNA Refseq</b>	NM_001242758
<b>Protein Refseq</b>	NP_001229687
<b>MIM</b>	142800
<b>UniProt ID</b>	P04439

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA