

Recombinant Human HLA-A protein, His-tagged

Cat. No. HLA-A-3396H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HLA-A protein(28-303 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	28-303 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	SMRYFFTSVSRPGRGEPRFIAVG YVDDTQFVRFDSDAASQKMEPRAPWIEQEGPE YWDQETRNMKAHSQTDRANLGLRGYYNQSEDGSHTIQIMYGCDVGPDGRFLRGY RQDAYDGKDYIALNEDLRSWTAADMAAQITKRKWEAVHAAEQRRVYLEGRCVDGL RRYLENGKETLQRTDPPKTHMTHHPISDHEATLRCWALGFYPAEITLTWQRDGEDQ TQDTELVETRPAGDGTQKWAAVVPSGEEQRYTCHVQHEGLPKPLTLRWELSSQ
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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