

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	SMRYFFTSVSRPGRGEPRIAVGYVDDTQFVRFDSDAASQKMEPRAPWIEQEGPE 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.

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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.
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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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