

Recombinant Human HLA-E protein, His-tagged

Cat. No. HLA-E-3399H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HLA-E protein(23-303 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	23-303 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	SHSLKYFHTSVSRPGRGEPFISVG YVDDTQFVRFDNDAASPRMVPRAPWMEQEG SEYWDRETRSARDTAQIFRVNLR LTRGYYNQSEAGSHTLQWMHGCELGPDRRFLR GYEQFAYDGKDYLT LNEDLRSWTAVDTAAQISEQKSNDASEAEHQRAYLEDTCVE WLHKYLEKGKETLLHLEPPKTHVTHHPISDHEATLRCWALGFYPAEITLTWQQDGEG HTQDTELVETRPAGDGT FQKWA AVVVP SGEEQRYTCHVQHEGLPEPVT LRWKPAS QPTI
Purity	85%, 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

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cycles.

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-E major histocompatibility complex, class I, E [Homo sapiens]

Official Symbol

HLA-E

Synonyms

HLA-E; major histocompatibility complex, class I, E; HLA class I histocompatibility antigen, alpha chain E; MHC HLA-E alpha-1; lymphocyte antigen; MHC HLA-E alpha-2.1; MHC class I antigen E; HLA class I histocompatibility antigen, E alpha chain; MHC; QA1; EA1.2; EA2.1; HLA-6.2; DKFZp686P19218;

Gene ID

3133

mRNA Refseq

NM_005516

Protein Refseq

NP_005507

MIM

143010

UniProt ID

P13747

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