

Recombinant Human HLA-F protein, His-tagged

Cat. No. HLA-F-3439H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HLA-F protein(21-298 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	21-298 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	AGSHSLRYFSTAVSRPGRGEPRIYAVEYVDDTQFLRFDSDAIPRMEPREPWVEQE GPQYWEWTTGYAKANAQTDRVALRNLLRRYNQSEAGSHTLQGMNGCDMGPDGR LLRGYHQHAYDGKDYISLNEDLRSWTAADTVAQITQRFYEAEYAEFRTYLEGECL ELLRRYLENGKETLQRADPPKAHVAAHPISDHEATLRCWALGFYPAEITLTWQRDG EEQTQDTELVETRPAGDGTQKWAAVVPSGEEQRYTCHVQHEGLPQPLILRWEQ S
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-F major histocompatibility complex, class I, F [Homo sapiens]

Official Symbol

HLA-F

Synonyms

HLA-F; major histocompatibility complex, class I, F; HLA class I histocompatibility antigen, alpha chain F; HLA F antigen; leukocyte antigen F; HLA class I molecule; MHC class Ib antigen; MHC class I antigen F; HLAF; CDA12; HLA-5.4; HLA-CDA12;

Gene ID

3134

mRNA Refseq

NM_001098478

Protein Refseq

NP_001091948

MIM

143110

UniProt ID

P30511

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