

Recombinant Human F12 protein, His-tagged

Cat. No. F12-12617H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human F12 protein(316-615 aa), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	316-615 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	MPAQPAPPKPQPTTRTPPQSQTGALPAKREQPPSLTRNGPLSCGQRLRKSLSM TRVVGGLVALRGAHPYIAALYWGHSCAGSLIAPCWVLTAAHCLQDRPAPEDLTVVL GQERRNHSCEPCQTLAVRSYRLHEAFSPVSYQHDLALLRLQEDADGSCALLSPYVQ PVCLPSGAARPSETTLCQVAGWGHQFEGAEYASFLQEAQVPFLSLERCSAPDVH GSSILPGMLCAGFLEGGTDACQGDSGGPLVCEQAAERRLTLQGIISWGS GCGDR NKPGVYTDVAYYLAWIREHTVS
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

F12 coagulation factor XII (Hageman factor) [Homo sapiens]

Official Symbol

F12

Synonyms

F12; coagulation factor XII (Hageman factor); coagulation factor XII; Hageman factor; beta-factor XIIa part 1; beta-factor XIIa part 2; coagulation factor XIIa heavy chain; coagulation factor XIIa light chain; HAF; HAE3; HAEX;

Gene ID

2161

mRNA Refseq

NM_000505

Protein Refseq

NP_000496

MIM

610619

UniProt ID

P00748

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