

Recombinant Human F12 protein, His-tagged

Cat. No. F12-764H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human F12 protein(P00748)(20-372aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	20-372aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	43.3 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

 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

AA Sequence

IPPWEAPKEHKYKAEH TVVLT V T G E P C H F P F Q Y H R Q L Y H K C T H K G R P G P Q P W C A
 T T P N F D Q D Q R W G Y C L E P K K V K D H C S K H S P C Q K G G T C V N M P S G P H C L C P Q H L T G N
 H C Q K E K C F E P Q L L R F F H K N E I W Y R T E Q A A V A R C Q C K G P D A H C Q R L A S Q A C R T N P C
 L H G G R C L E V E G H R L C H C P V G Y T G A F C D V D T K A S C Y D G R G L S Y R G L A R T T L S G A P C
 Q P W A S E A T Y R N V T A E Q A R N W G L G G H A F C R N P D N D I R P W C F V L N R D R L S W E Y C D L
 A Q C Q T P T Q A A P P T P V S P R L H V P L M P A Q P A P P K P Q P T T R T P P Q S Q T P G A L P A K R E Q
 P P S L T R N G P L S C G Q R L R K S L S S M T R

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

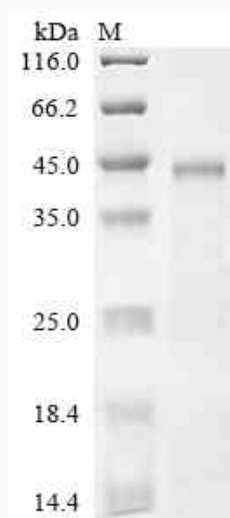
MIM 610619

UniProt ID P00748

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SDS-PAGE

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