

Recombinant Human F10 protein, His-tagged

Cat. No. F10-289H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human F10 protein(NP_000495.1) (Met 1-Lys 488) was expressed in Insect Cells with a polyhistidine tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-488 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0, 10% glycerol.
Molecular Mass	The recombinant human coagulation factor X consists of 468 amino acids and predicts a molecular mass of 52.8 kDa. As a result of glycosylation, it migrates with the apparent molecular mass of approximately 48 and 22 kDa corresponding to the cleaved light and heavy chain respectively in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

protein Refseq-Weblink http://www.ncbi.nlm.nih.gov/protein/NP_000495.1

Unit ID P00742

Unit ID-Weblink <https://www.uniprot.org/uniprotkb/P00742>

GENE INFORMATION

Gene Name [F10 coagulation factor X \[Homo sapiens \]](#)

Official Symbol [F10](#)

Synonyms F10; coagulation factor X; factor Xa; prothrombinase; Stuart-Prower factor; FX; FXA;

Gene ID [2159](#)

mRNA Refseq [NM_000504](#)

protein Refseq NP_000495

MIM [613872](#)

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