

Factor X Active Protein | F10 active protein

Factor X protein

CATALOG #
AAA75328

HOST
Prepared from human serum/plasma

PRODUCT SYNONYMS

Factor X; Factor X protein; Complement Factor X protein; F10 active protein

PRODUCT SPECIFICATIONS

Host	Prepared from human serum/plasma
Purity/Purification	> 98%
Form/Format	Supplied as a liquid in 50% glycerol.
Concentration	10.0mg/ml (varies by lot)
Sequence Length	1
Species	Human
Grade	Ultra Pure
Protein Type	Native
Bioactivity	115 units/mg protein - Specific activity is determined by Factor X clotting assay. One unit is equivalent to the Factor X activity in one milliliter of normal plasma.
Specific Activity	103 U/mg
Biohazard Information	Although the starting material was test prior to initiation of the manufacturing process and was found negative or non-reactive for anti-HIV-1/2, HIV-1 RNA, HBsAg, STS, anti-HCV, HCV RNA, anti-HBcore and ant-HTLV 1&2, caution should be used when handling this material.
Biological Significance	Factor X is a vitamin K-dependent protein zymogen which is synthesized in the liver and circulates in plasma as a two chain molecule linked by a disulfide bond. Prior to secretion into plasma, post-translational modifications produce 11 gamma-carboxyglutamic acid (gla) residues and a single b-hydroxyaspartic acid residue, which are located within the NH2-terminal light chain. The light chain also contains two epidermal growth factor (EGF) homology domains.
Preparation and Storage	Ships on dry ice. Upon receipt store at -20°C.

ADDITIONAL INFORMATION

Related Product Information for F10 active protein	Purified native Human Factor X protein
Product Categories/Family for F10 active protein	Proteases ; Inhibitors ; & Enzymes ; Native Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	4322473
NCBI GeneID	14058
Molecular Weight	58.9 kDa

NCBI Official Full Name	factor X, partial
NCBI Official Synonym Full Names	coagulation factor X
NCBI Official Symbol	F10
NCBI Official Synonym Symbols	fX; Cf10
NCBI Protein Information	coagulation factor X
UniProt Protein Name	Coagulation factor X
UniProt Gene Name	F10
UniProt Entry Name	FA10_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/prepared-from-human-serum-plasma-active-protein/factor-x/75328>