

Coagulation Factor X Recombinant Protein | F10 recombinant protein

Recombinant Coagulation Factor X (F10)

CATALOG # AAA144067	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Coagulation Factor X; Recombinant Coagulation Factor X (F10); F10 recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Concentration	6 (varies by lot)
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MGSSHHHH HHSSGLVPRG SHMASMTGGQ QMGRGSEF-G KGVFINRERA NNVLARTRRA NSFFEEFKKG NLERECMEEI CSYEEVREIF EDDEKTKEYW TKYKDGQCE SSPCQNGGAC RDGIGGYTCT CSEGFEGKNC ELFVRKLCRL DNGDCDQFCR EEQNSVVCSC ASGYFLGNDG KSCISTAPFP CGKITTGRRK RSVALNTSDS ELDLEDALLD EDFLSPTENP IELLNLNETQ PERSSDDLVR IVGGRECKDG ECPWQALLIN EDNEGFCGGT ILNEFYILTA AHCLHQARRF KVRVGDRNTE KEEGNEMVHE VDVVIKHNF QRDYDYDIA VLRLKTPITF RMNVAPACLP QKDWAESTLM TQKTGIVSGF GRTHEKGRQS NILKMLEVPY VDRNTCKLST SFSITQNMFC AGYEAKLEDA CQGDSGGPHV TRFKNTYYVT GIVSWGEGCA RKGKYGIYTK VTTLKWKIDR SMKARVGPTA ETPRTAGPPN
Sequence Length	488
Applicable Applications for F10 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	55.8kDa
Accurate Molecular Mass (KD)	56kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	N-terminal His-Tag, T7 tag
Organism Species	Mus musculus (Mouse)
Fragment	Thr392~Leu567
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503625
NCBI GeneID	2159
NCBI Accession #	NP_000495.1
NCBI GenBank Nucleotide #	NM_000504.3
Molecular Weight	54,732 Da
NCBI Official Full Name	coagulation factor X isoform 1 preproprotein
NCBI Official Synonym Full Names	coagulation factor X
NCBI Official Symbol	F10
NCBI Official Synonym Symbols	FX; FXA
NCBI Protein Information	coagulation factor X
UniProt Protein Name	Coagulation factor X
UniProt Gene Name	F10
UniProt Entry Name	FA10_HUMAN

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/f10-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144067>