

Coagulation Factor XI Recombinant Protein | F11 recombinant protein

Recombinant Coagulation Factor XI (F11)

CATALOG # AAA144282	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Coagulation Factor XI; Recombinant Coagulation Factor XI (F11); F11 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	6.5 (varies by lot)
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandGST-t ag,itssequ enceislist edbelow.MSPILGY WKIKGLVQPT RLLLEYLEEK YEEHLYERDE GDKWRNKKFE LGLEFPNLPY YIDGDVKLTQ SMAIIRYIAD KHNMLGGCPK ERAEISMLEG AVLDIRYGV SRIAYSKDFET LKVDFLSKLP EMLKMFEDRL CHKTYLNGDH VTHPDFMLYD ALDVVLYMDP MCLDAFPKLV CFKKRIEAI P QIDKYLKSSK YIAWPLQG WQ ATFGGGDHPP KSDGSTSGSG HHHHHHSAGL VPRGSTAIGM KETAAAKFER QHMDSPDLGT GGGSGIEGRG SMGYRGSEF-IPVFCHPNFY NDTDFLGEEL DIVDVKGES CQKMCSDNVR CQFFTYPSR GSCSERNMHN QNQAQGVRRS CVCSRRVAMA GDPAHHPGTP VWRLHHWKPV DIDSGSLFLW VSINDIRLGS SSPSTETPKT LRVYGGIVNQ SEINEDTTFF RVQEMIIHDQ YTSAESGFDI ALLKLEPAMN YTDEVQSTLQ KAKVPLVSNE ECQTRYRKHK ITNKVICAGY KEGGKDTCKG DSGGPLSCKH NG
Sequence Length	556
Applicable Applications for F11 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	59.6kDa
Accurate Molecular Mass (KD)	57kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and GST-tag
Organism Species	Rattus norvegicus (Rat)
Fragment	Cys42~Pro225
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 #	114145441
NCBI GeneID	290757
NCBI Accession #	NP_001041313.1
NCBI GenBank Nucleotide #	NM_001047848.1
NCBI Official Full Name	coagulation factor XI
NCBI Official Synonym Full Names	coagulation factor XI
NCBI Official Symbol	F11
NCBI Official Synonym Symbols	LRRGT00086
NCBI Protein Information	coagulation factor XI

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/coagulation-factor-xi-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144282>