

Coagulation Factor II (F2) Recombinant Protein | F2 recombinant protein

Recombinant Coagulation Factor II (F2)

CATALOG # AAA134208	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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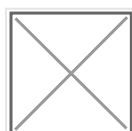
PRODUCT SYNONYMS

Coagulation Factor II (F2); Recombinant Coagulation Factor II (F2); F2 recombinant protein

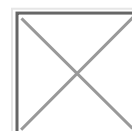
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .
Concentration	Original Concentration: 500ug/mL (varies by lot)
Sequence	ANSGFLEELR KGNLERECVE EQCSYEEAFE ALESPQDTDV FWAKYTVCDs VRKPRETFMD CLEGRcAMDl GVNylGTVNV THTGIQCQLW RSRYPHKPEI NSTTHPGADL KENFCrNPDS STTGpWCYTT DPTVRREECS VPVCGQEGRT TVVMTPR
Applicable Applications for F2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala44~Arg200
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	5.6
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
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. 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 and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	6753798
NCBI GeneID	14061
NCBI Accession #	NP_034298.1
NCBI GenBank Nucleotide #	NM_010168.2
UniProt Accession #	P19221
Molecular Weight	Predicted Molecular Mass: 18.1kDa Accurate Molecular Mass: 19kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	prothrombin
NCBI Official Synonym Full Names	coagulation factor II
NCBI Official Symbol	F2
NCBI Official Synonym Symbols	Cf2; FII; Cf-2; thrombin
NCBI Protein Information	prothrombin
UniProt Protein Name	Prothrombin
UniProt Gene Name	F2
UniProt Synonym Gene Names	Cf2
UniProt Entry Name	THRB_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/f2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134208>