Coagulation Factor VII (F7) Recombinant Protein | F7 recombinant protein

Recombinant Coagulation Factor VII (F7)

CATALOG #	HOST	APPLICATIONS
AAA134237	**E Coli**	**Immunoprecipitation, ELISA, Western Blot, SDS-Page**

PRODUCT SYNONYMS

Coagulation Factor VII (F7); Recombinant Coagulation Factor VII (F7); F7 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSGSEF-AS IRFSRVSGWG QLLDRGATAL ELMVIEVPRL MTQDCLEHAK HSANTPRITE NMFCAGYMDG TKDACKGDSG GPHATHYHGT WYLTGVVSWG EGCAAIGHIG VYTRVSQYID WLVKYMD
Sequence Length	446
Applicable Applications for F7 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Ala315~Asp433 (Accession # Q8K3U6) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and 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. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES

SDS-PAGE

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	25742855
NCBI GeneID	260320

NCBI Accession #	NP_690059.1
NCBI GenBank Nucleotide #	NM_152846.1
UniProt Accession #	Q8K3U6
Molecular Weight	14.7kDa
NCBI Official Full Name	coagulation factor VII
NCBI Official Synonym Full Names	coagulation factor VII (serum prothrombin conversion accelerator)
NCBI Official Symbol	F7
NCBI Protein Information	coagulation factor VII; serum prothrombin conversion accelerator
UniProt Protein Name	Coagulation factor VII
UniProt Gene Name	**F7**
UniProt Entry Name	FA7_RAT

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/f7-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134237