

Coagulation Factor XII (F12) Recombinant Protein | F12 recombinant protein

Recombinant Coagulation Factor XII (F12)

CATALOG # AAA153382	HOST E coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Coagulation Factor XII (F12); Recombinant Coagulation Factor XII (F12); Coagulation Factor XII; F12 recombinant protein (prokaryotic); Rat; FXII; HAF; Contact Factor; Hageman Factor; F12 recombinant protein

PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Ala20~Arg353
Applicable Applications for F12 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Rat
Tag	Two N-terminals, His-tag and SUMO-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	8.4
Subcellular Location	Secreted
Research Area	Metabolic pathway
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES

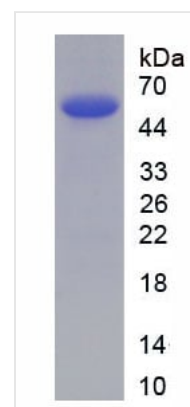
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RTGPGGVARC QCKGPQAVCK LLTSQVCRVN PCLNGGTCLL VEDHRLCHCP
AGYAGPFCDL DLKATCYEDR GLSYRGQAKT TLSGAPCQRW ASEATYRNMT
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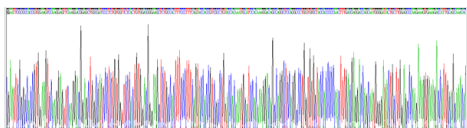
Amino Acid Info

Amino Acid info



SDS-PAGE

Figure. SDS-PAGE



Sequence

Figure . Gene Sequencing (extract)

ADDITIONAL INFORMATION

Product Categories/Family for F12 recombinant protein

Prokaryotic proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	62078741
NCBI GeneID	306761
NCBI Accession #	NP_001014028.1
NCBI GenBank Nucleotide #	NM_001014006.1
UniProt Accession #	D3ZTE0; Q5M879
Molecular Weight	75,000 (Approximate)
NCBI Official Full Name	coagulation factor XII
NCBI Official Synonym Full Names	coagulation factor XII (Hageman factor)
NCBI Official Symbol	F12
NCBI Official Synonym Symbols	HAF
NCBI Protein Information	coagulation factor XII; hageman factor
UniProt Protein Name	Coagulation factor XII
UniProt Gene Name	F12
UniProt Synonym Gene Names	HAF
UniProt Entry Name	FA12_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/f12-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153382>