Coagulation Factor VIII Recombinant Protein | F8 recombinant protein

Recombinant Coagulation Factor VIII (F8)

CATALOG #	HOST	APPLICATIONS
AAA144106	**Host: E ColiSource: Prokaryotic expression**	**Immunoprecipitation, ELISA, Western Blot, SDS-Page**

PRODUCT SYNONYMS

Coagulation Factor VIII; Recombinant Coagulation Factor VIII (F8); F8 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	6.8 (varies by lot)
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MHHHH HHSSGLVPRG SGMKETAAAK FERQHMDSPD LGTDDDDKAM ADIGS-FQKT MKVTGVTTQG VKSLLTSMYV KEFLISSSQD GHQWTLFFQN GKVKVFQGNQ DSFTPVVNSL DPPLLTRYLR IHPQSWVHQI ALRMEVLGCE
Sequence Length	2336
Applicable Applications for F8 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	16.2kDa
Accurate Molecular Mass (KD)	17kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	N-terminal His-Tag
Organism Species	Homo sapiens (Human)
Fragment	Phe2253~Glu2346
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 #	284005234
NCBI GeneID	100303761
NCBI Accession #	NP_001164742.1
NCBI GenBank Nucleotide #	NM_001171271.1
NCBI Official Full Name	coagulation factor VIII
NCBI Official Symbol	F8
NCBI Protein Information	coagulation factor VIII

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-viii-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144106