

Coagulation Factor VIII Active Protein | F8 active protein

Recombinant Human Coagulation Factor VIII

CATALOG #
AAA38430

PRODUCT SYNONYMS

Coagulation Factor VIII; Recombinant Human Coagulation Factor VIII; Coagulation factor VIII; Procoagulant component; Antihemophilic factor; AHF; F8; F8C; F8B; HEMA; FVIII; DXS1253E; F8 protein.; F8 active protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 97.0% as determined by SDS-PAGE.
Form/Format	Each 250IU vial was lyophilized from a solution containing 8mg Tween-80, 112mM NaCl, 40mg Mannitol, 10mg Trehalose, 1ng VWF and 4.2mM CaCl ₂ . Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence Length	2351
Solubility	It is recommended to reconstitute 250IU lyophilized Factor-VIII in 5ml sterile 18M-cm H ₂ O, which can then be further diluted to other aqueous solutions.
Biological Activity	The specific activity was found to be 7,058IU/mg.
Preparation and Storage	Should be stored desiccated below -18°C. Upon reconstitution Factor-VIII should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for F8 active protein	Description: Antihemophilic Factor Human Recombinant produced in CHO is a glycosylated polypeptide chain having 2322 amino acids. The Factor-VIII is purified by proprietary chromatographic techniques.
Product Categories/Family for F8 active protein	Recombinant & Natural Proteins ; Recombinant Proteins ; Coagulation Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503647
NCBI GeneID	2157
NCBI Accession #	NP_000123.1
NCBI GenBank Nucleotide #	NM_000132.3
UniProt Accession #	P00451 ; Q14286 ; Q5HY69
NCBI Official Full Name	coagulation factor VIII isoform a
NCBI Official Synonym Full Names	coagulation factor VIII, procoagulant component
NCBI Official Symbol	F8
NCBI Official Synonym Symbols	AHF; F8B; F8C; HEMA; FVIII; DXS1253E
NCBI Protein Information	coagulation factor VIII; antihemophilic factor; coagulation factor VIIIc; factor VIII F8B

UniProt Protein Name	Coagulation factor VIII
UniProt Gene Name	F8
UniProt Synonym Gene Names	F8C; AHF
UniProt Entry Name	FA8_HUMAN

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/f8-active-protein/coagulation-factor-viii/38430>