

Coagulation Factor VIII Active Protein | F8 active protein

Human Coagulation Factor VIII

CATALOG # AAA38429	HOST Human Plasma
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Human Plasma
Form/Format	The lyophilized protein 200IU/ml was lyophilized from a sterile solution containing 1.5% Glycine, 160mM Calcium chloride and 25mM NaCitrate and 25mM NaCl. Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence Length	2351
Solubility	It is recommended to reconstitute the lyophilized Factor-VIII in sterile 18M Omega -cm H2O at a concentration of 200IU/ml, which can then be further diluted to other aqueous solutions. Make sure that the vial has reached room temperature prior to its reconstitution, otherwise it might precipitate.
Human Virus Test	The plasma is collected from donors with Hepatitis B vaccinated. Each unit of plasma has been tested for HBsAg, Anti-HIV-1/2 plus O and Anti-HCV by using the imported kits which are approved by Federal Drug Administration (FDA).
Biological Activity	The potency was found to be 10 units/mg.
Preparation and Storage	Lyophilized Factor-VIII although stable at room temperature for 1 week, should be stored desiccated between 2-8 degree C. Upon reconstitution Factor-VIII should be stored at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for F8 active protein	Description: Human Factor VIII produced from Human Plasma is effective in the correction and prevention of severe bleeding episodes attributed to Factor VIII deficiency. The Factor-VIII is purified by proprietary chromatographic techniques.
Product Categories/Family for F8 active protein	Recombinant & Natural Proteins ; Natural 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/human-plasma-f8-active-protein/coagulation-factor-viii/38429>