Coagulation Factor VIII (F8) Recombinant Protein | F8 recombinant protein

Recombinant Coagulation Factor VIII (F8)

CATALOG #	HOST	APPLICATIONS
AAA134293	**E.coli**	**Western Blot, SDS-Page**

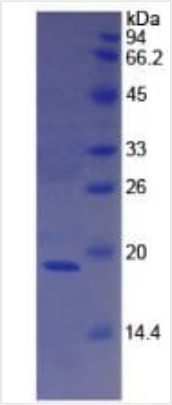
PRODUCT SYNONYMS

Coagulation Factor VIII (F8); Recombinant Coagulation Factor VIII (F8); F8 recombinant protein

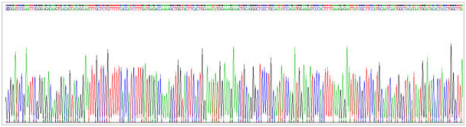
PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 100ug/mL (varies by lot)
Sequence	GRQVTVQEFA LFFTIFDETK SWYFTENMER NCRAPCNIQM EDPTFKENYR FHAINGYIMD TLPGLVMAQD QRIRWYLLSM GSNENIHSIH FSGHVFTVRK KEEYKMALYN LYPGVFETVE MLPSKAGIWR VECLIGEHLH AGMSTLFLVY SNKCQTPL
Applicable Applications for F8 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Gly1887~Leu2044
Tags	N-terminal His Tag
Subcellular Location	Secreted, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	6.4
Usage	Reconstitute in ddH2O to a concentration of 0-0.2mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaws cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The lost rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

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
Molecular Weight	Predicted Molecular Mass: 19.8kDa Accurate Molecular Mass: 19kDa as determined by SDS-PAGE reducing conditions.
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; factor VIII F8B; antihemophilic factor; coagulation factor VIIIc
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/f8-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134293