

Active Recombinant Human F3 protein, Fc-tagged

Cat. No. F3-6924H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human F3 protein(Ser 33 - Glu 251), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ser 33 - Glu 251
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Measured by its ability to activate Coagulation Factor VII in cleaving a fluorogenic peptide substrate Boc-VPR-AMC. The AC50 is <5.5 µg/mL, as measured under the described conditions.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 51.2 kDa. The protein migrates as 60-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or

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lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [F3 coagulation factor III \(thromboplastin, tissue factor\) \[Homo sapiens \]](#)

Official Symbol [F3](#)

Synonyms F3; coagulation factor III (thromboplastin, tissue factor); tissue factor; CD142; TF; TFA; FLJ17960;

Gene ID [2152](#)

mRNA Refseq [NM_001178096](#)

Protein Refseq [NP_001171567](#)

MIM [134390](#)

UniProt ID [P13726](#)

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