

## Active Recombinant Human F3 protein, His-tagged

Cat. No. F3-20H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human F3(Gly34-Glu251) fused with His tag at C-terminal was expressed in NS0.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	34-251 a.a.
<b>Predicted N Terminal</b>	Gly34
<b>Form</b>	Supplied as a 0.2 µm filtered solution in Tris and NaCl.
<b>Bio-activity</b>	Measured by its ability to activate Coagulation Factor VII in cleaving a fluorogenic peptide substrate Boc-VPR-AMC. The AC50 is <4.0 µg/mL.
<b>Molecular Mass</b>	Predicted Molecular Mass: 26 kDa;SDS-PAGE: 41 kDa and 43 kDa, reducing conditions.
<b>Endotoxin</b>	<0.10 EU per 1 µg of the protein by the LAL method.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles.6 months from date of receipt, -20 to -70 centigrade as supplied.3 months, -20 to -70 centigrade under sterile conditions after

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## 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

**Chromosome Location** 1p22-p21

**Pathway** Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Extrinsic Pathway, organism-specific biosystem; Formation of Fibrin Clot (Clotting Cascade), organism-specific biosystem; Hemostasis, organism-specific biosystem;

**Function** cell surface binding; phospholipid binding; protease binding; protein binding;

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