

Active Recombinant Human F3 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human F3(Gly34-Glu251) fused with His tag at C-terminal was expressed in NS0.
Species	Human
Source	Mammalian Cells
ProteinLength	34-251 a.a.
Predicted N Terminal	Gly34
Form	Supplied as a 0.2 µm filtered solution in Tris and NaCl.
Bio-activity	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.
Molecular Mass	Predicted Molecular Mass: 26 kDa;SDS-PAGE: 41 kDa and 43 kDa, reducing conditions.
Endotoxin	<0.10 EU per 1 µg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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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