

## Recombinant Human Soluble Tissue Factor

Cat. No. F3-28H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human Soluble Tissue Factor produced in <i>E. coli</i> has a molecular mass of 25.624 Da.
<b>Species</b>	Human
<b>Source</b>	<i>E. coli</i>
<b>Description</b>	Tissue factor is a cell-surface protein of endothelial cells and monocytes involved in coagulation and inflammation. It is the primary cellular initiator of coagulation cascade, and functions as receptor and cofactor for coagulation Factor VII and VIIa. Soluble human tissue factor with a histidine-tagged extracellular domain is expressed in <i>E. coli</i> .
<b>Purity</b>	≥95% as determined by SDS-PAGE.
<b>Component</b>	Tissue factor, PBS buffer, pH 7.4
<b>PI</b>	5.16 by Isoelectric focusing
<b>concentration</b>	2 mg / ml by BCA
<b>Specific Activity</b>	The activity is similar as that of full-length tissue factor using clotting assay.
<b>Endotoxin</b>	less than 10EU/mg as determined by LAL method

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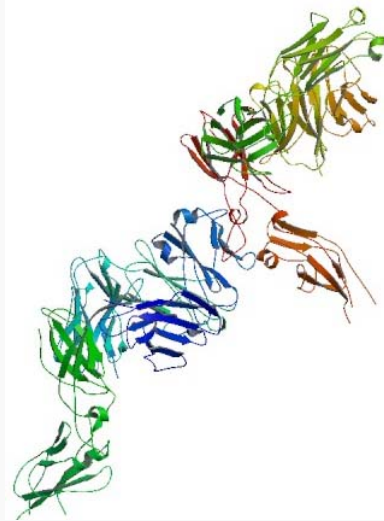
<b>Storage Buffer</b>	Liquid. In PBS Buffer.
<b>Storagee</b>	At 4°C for 6 months and -80°C for 2 years
<b>process</b>	blood coagulation, blood coagulation, extrinsic pathway
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	F3
<b>Synonyms</b>	CD142; TF; TFAD; TFA; Thromboplastin; CD142 antigen; Coagulation factor III; Tissue factor precursor; coagulation factor III (thromboplastin, tissue factor); tissue factor,TF_HUMAN; F3
<b>Gene ID</b>	2152
<b>mRNA Refseq</b>	NM_001993
<b>Protein Refseq</b>	<a href="#">NP_001984</a>
<b>MIM</b>	134390
<b>UniProt ID</b>	P13726
<b>Chromosome Location</b>	1p22-p21

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