

Recombinant Human Soluble Tissue Factor

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

SPECIFICATION

Product Overview	Recombinant Human Soluble Tissue Factor produced in <i>E. coli</i> has a molecular mass of 25.624 Da.
Species	Human
Source	E.coli
Description	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> .
Purity	≥95% as determined by SDS-PAGE.
Component	Tissue factor, PBS buffer, pH 7.4
PI	5.16 by Isoelectric focusing
concentration	2 mg / ml by BCA
Specific Activity	The activity is similar as that of full-length tissue factor using clotting assay.
Endotoxin	less than 10EU/mg as determined by LAL method

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

PDBrendering based
on 1ahw.

