Recombinant Human Coagulation Factor III (Thromboplastin, Tissue Factor)

Cat. No. F3-463H **Lot. No.** (See product label)

SPECIFICATION

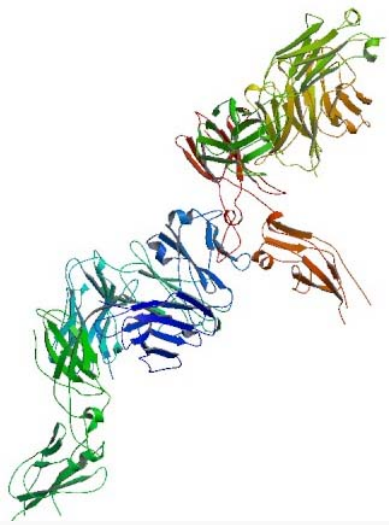
Product Overview	Recombinant human tissue factor produced in a Baculovirus transfer vector expression system. It is visualized at 26 kDa on an SDS gel electrophoresis.
Species	Human
Source	Insect Cells
Description	Tissue factor is a cell-surface protein of endothelial cells and monocytes involved in coagulation and inflammation. It is the primary cellular initiator of coagulation cascade, and functions as receptor and cofactor for coagulation Factor VII and VIIa.
Purity	Greater than 95% per SDS-PAGE.
Activity	Upon lipidation, Product will promote clotting in a two-stage prothrombin time test.
Presentation	Screw capped clear glass vials of 2.5 µg of protein lyophilized from 10 mM TRIS-HCl, 150 mM NaCl, 0.01% CHAPS, pH 8.0, with 200 mM mannitol.
Reconstitution	Add 100 µl of filtered deionized water.
Storage And Stability	Store lyophilized vials at +2° - +8°C. Store reconstituted protein in aliquots frozen at -20°C or colder, avoid freeze-thaw cycles.

GENE INFORMATION

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Gene Name	F3 coagulation factor III (thromboplastin, tissue factor) [Homo sapiens]
Synonyms	coagulation factor III (thromboplastin, tissue factor); TF; TFA; CD142; FLJ17960; F3; tissue factor; thromboplastin;Coagulation factor III; CD142 antigen; Thromboplastin
Gene ID	2152
mRNA Refseq	NM_001993
Protein Refseq	NP_001984
MIM	134390
UniProt ID	P13726
Chromosome Location	1p22-p21
Pathway	Complement and coagulation cascades; Hemostasis
Function	cell surface binding; phospholipid binding; protease binding

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