

Recombinant Human Tissue Factor, Non-Lipidated

Cat. No. F3-18H Lot. No. (See product label)

SPECIFICATION

Product Overview	TF-263 is full length human tissue factor, produced in a recombinant eukaryotic cell expression system. The 263 amino acid full length tissue factor protein is comprised of an extracellular, a transmembrane and a cytoplasmic domain.
Species	Human
Description	Tissue Factor (TF) is a cell-surface protein present on endothelial cells and monocytes which is involved in coagulation and inflammation. TF is the primary initiator of the blood coagulation protease cascade functioning as a receptor and cofactor for the extrinsic tenase complex.
Form	Supplied as a solution containing 20mM TRIS-HCL (pH 8.0), 200 mM NaCl, 1% glucoside, and <0.1% sodium azide.
Molecular Mass	35-38 kDa
Purity	Greater than 90% by SDS-PAGE
Storage	Store protein in aliquots frozen at -20°C or colder, avoid multiple freeze-thaw cycles.
Full Length	Full L.

GENE INFORMATION

Gene Name	F3 coagulation factor III (thromboplastin, tissue factor) [Homo sapiens]
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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