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Datasheet for ABIN7505659

**Tissue factor Protein (AA 1-251) (His tag)**

## Overview

Quantity:	100 µg
Target:	Tissue factor (F3)
Protein Characteristics:	AA 1-251
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Tissue factor protein is labelled with His tag.

## Product Details

Sequence:	Met1-Glu251
Characteristics:	A DNA sequence encoding the Human F3/TF protein (P13726) (Met1-Glu251) was expressed with a C-His.
Purity:	> 95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	Tissue factor (F3)
Alternative Name:	Tissue Factor ( <a href="#">F3 Products</a> )
Background:	Abbreviation: Tissue Factor,CD142 Target Synonym: Tissue Factor,TF,Coagulation Factor III,Thromboplastin,CD142,F3,TFA,coagulation factor 3 Background: Tissue Factor (TF) is a single-pass type I membrane glycoprotein member of the

## Target Details

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tissue factor family. TF expression is highly dependent upon cell type. This factor enables cells to initiate the blood coagulation cascades, and it functions as the high-affinity receptor for the coagulation factor VII. TF initiates blood coagulation by forming a complex with circulating factor VII or VIIa. The complex activates factors IX or X by specific limited proteolysis. TF plays a role in normal hemostasis by initiating the cell-surface assembly and propagation of the coagulation protease cascade.

Molecular Weight: Calculated MW: 27.5 kDa  
Observed MW: 40 kDa

UniProt: [P13726](#)

Pathways: [Positive Regulation of Endopeptidase Activity, Smooth Muscle Cell Migration, Platelet-derived growth Factor Receptor Signaling](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.  
Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months