

Datasheet for ABIN7013638

Tissue factor Protein (AA 33-251) (His tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Tissue factor (F3)
Protein Characteristics:	AA 33-251
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Tissue factor protein is labelled with His tag.

Product Details

Characteristics:	Human Coagulation Factor III / Tissue Factor Protein, His Tag (MALS verified)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	Tissue factor (F3)
Alternative Name:	Coagulation Factor III (F3 Products)
Background:	Full-length tissue factor (TF) is a transmembrane receptor and cofactor for factor (F)VII/FVIIa. In addition to full-length TF, an alternative spliced (as) form of TF can be generated that lacks the transmembrane domain and is released from cells. In contrast to TF, asTF has low procoagulant activity because it lacks the transmembrane domain. Tissue factor is expressed

Target Details

by cells around blood vessels, such as adventitial fibroblasts, and body surfaces, such as epithelial cells, and plays a critical role in hemostasis. TF also contributes to various forms of thrombosis. Many cancers, particularly adenocarcinomas, express high levels of TF. A high level of tumor TF expression is associated with poor prognosis in many types of cancers, including breast, prostate, colorectal, and pancreatic cancer.

Molecular Weight:	26.7 kDa
NCBI Accession:	NP_001984
Pathways:	Positive Regulation of Endopeptidase Activity , Smooth Muscle Cell Migration , Platelet-derived growth Factor Receptor Signaling

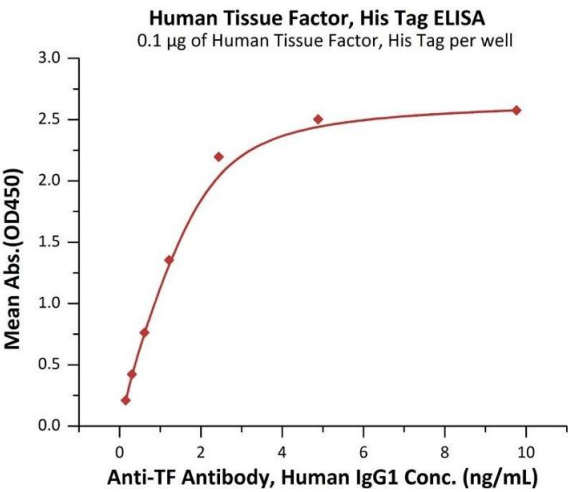
Application Details

Application Notes:	MALS verified
Restrictions:	For Research Use only

Handling

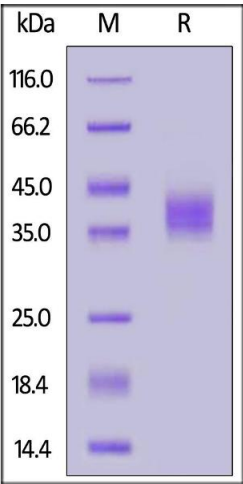
Format:	Lyophilized
Buffer:	50 mM Tris, 150 mM NaCl, pH 7.5
Storage:	-20 °C

Images



ELISA

Image 1. Immobilized Human Tissue Factor, His Tag (ABIN6973035) at 1 µg/mL (100 µL/well) can bind Anti-TF Antibody, Human IgG1 with a linear range of 0.2-2 ng/mL (Routinely tested).



SDS-PAGE

Image 2. Human Tissue Factor, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .