

Datasheet for ABIN7199017

Tissue factor Protein (His tag)[Go to Product page](#)

Overview

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

Product Details

Purpose:	Cynomolgus Coagulation Factor III / Tissue Factor Protein, His Tag (active enzyme, MALS verified)
Sequence:	Ser 33 - Glu 252
Characteristics:	Cynomolgus Tissue Factor, His Tag (TF3-C52H3) is expressed from human 293 cells (HEK293). It contains AA Ser 33 - Glu 252 (Accession # A0A2K5VX02-1).
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.
Grade:	MALS verified

Target Details

Target:	Tissue factor (F3)
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Target Details

Alternative Name:	Coagulation Factor III / Tissue Factor (F3 Products)
Background:	Synonyms: Coagulation Factor III, Tissue Factor, TF, F3, CD142, Description: 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 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:	26.9 kDa
NCBI Accession:	XP_005542723
Pathways:	Positive Regulation of Endopeptidase Activity , Smooth Muscle Cell Migration , Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 26.9 kDa. The protein migrates as 35-45 kDa under reducing (R) condition due to glycosylation.
Restrictions:	For Research Use only

Handling

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