

Datasheet for ABIN1001176

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

Overview

Quantity:	10 µg
Target:	Tissue factor (F3)
Protein Characteristics:	AA 33-251
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Tissue factor protein is labelled with His tag.
Application:	Western Blotting (WB), Control (Ct)

Product Details

Purpose:	Tissue Factor (Western Blot Control)
Sequence:	SGTTNTVAAY NLTWKSTNFK TILEWEPKPV NQVYTVQIST SGTTNTVAAY NLTWKSTNFK TILEWEPKPV NQVYTVQIST SGTTNTVAAY NLTWKSTNFK TILEWEPKPV NQVYTVQIST SGTTNTVAAY NLTWKSTNFK TILEWEPKPV NQVYTVQIST SGTTNTVAAY NLTWKSTNFK TILEWEPKPV NQVYTVQIST KSTDSPVECM GQEKGEFRE
Characteristics:	recombinant Tissue Factor comprises a 219 amino acid fragment (33-251) corresponding to the extracellular domain of Tissue Factor protein and is expressed in E. coli with an amino-terminal hexahistidine tag.
Purity:	> 95 %

Target Details

Target:	Tissue factor (F3)
Alternative Name:	Tissue Factor (F3 Products)
Background:	Tissue factor is best known as the primary cellular initiator of blood coagulation. After vessel injury, the Tissue Factor : Factor VIIa complex activates the coagulation protease cascade, which leads to fibrin deposition and activation of platelets. In addition, aberrant Tissue Factor expression within the vasculature initiates life-threatening thrombosis in various diseases, such as sepsis, atherosclerosis, and cancer. Coagulation Factor III, TF, Tissue Thromboplastin, CD142
Molecular Weight:	29.3 kDa
UniProt:	P13726
Pathways:	Positive Regulation of Endopeptidase Activity , Smooth Muscle Cell Migration , Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Supplied in 1x Laemmli Buffer (25 mM Tris-HCl pH 6.8, 50 mM DTT, 1 % (w/v) SDS, 0.1 % (w/v) Bromophenol Blue, 2.5 % Glycerol).
Preservative:	Dithiothreitol (DTT)
Precaution of Use:	This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C