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Datasheet for ABIN7320770 Tissue factor Protein (His tag)

Image



Overview

Quantity:	50 µg
Target:	Tissue factor (F3)
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Tissue factor protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse Tissue Factor/TF Protein (His Tag)
Sequence:	Ala29-Glu251
Characteristics:	Recombinant Mouse Tissue factor is produced by our Mammalian expression system and the target gene encoding Ala29-Glu251 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per μ g as determined by the LAL method.

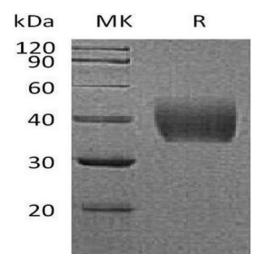
Target Details

Target:	Tissue factor (F3)
Alternative Name:	Tissue Factor/TF (F3 Products)
Background:	Background: Tissue?Factor, also known as thromboplastin and CD142,?belongs to the tissue factor family which conteins 294 amino acid (aa). Mouse TF consists of a signal peptide
	(residues 1-28) and the mature chain (residues 29-294). It is a single-pass type I membrane

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Target Details

	protein that expressed in the liver oscillates in a circadian manner. Interacts with HSPE, the
	interaction, inhibited by heparin, promotes the generation of activated factor X and activates
	coagulation in the presence of activated factor VII. Initiates blood coagulation by forming a
	complex with circulating factor VII or VIIa. The [TF:VIIa] complex activates factors IX or X by
	specific limited protolysis. TF plays a role in normal hemostasis by initiating the cell-surface
	assembly and propagation of the coagulation protease cascade.
	Synonym: Tissue factor, TF, Coagulation factor III,
Molecular Weight:	26.2 kDa
UniProt:	P20352
Pathways:	Positive Regulation of Endopeptidase Activity, Smooth Muscle Cell Migration, Platelet-derived
	growth Factor Receptor Signaling
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of 20 mM TrisHCl,150 mM NaCl,0.05 % Brij35, pH
	7.5.
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.



Western Blotting

Image 1.

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