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Datasheet for ABIN7504539

TFPI2 Protein (AA 23-230) (His tag)

Overview

Quantity:	100 µg
Target:	TFPI2
Protein Characteristics:	AA 23-230
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TFPI2 protein is labelled with His tag.

Product Details

Purpose:	Mouse TFPI-2 Protein
Sequence:	Leu23-Ser230
Characteristics:	Recombinant Mouse TFPI-2 Protein is expressed from HEK293 with His tag at the C-terminus. It contains Leu23-Ser230.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	TFPI2
Alternative Name:	TFPI-2 (TFPI2 Products)

Target Details

Background: Tissue factor pathway inhibitor-2 (TFPI-2) has previously been characterized as an endogenous anticoagulant. TFPI-2 is expressed in the vast majority of cells, mainly secreted into the extracellular matrix. Moreover, in sputum from cystic fibrosis patients TFPI-2 C-terminal fragments are generated and found associated with immunoglobulins. Together our data describe a previously unknown host defense mechanism and therapeutic importance of TFPI-2 against invading Gram-negative bacterial pathogens.

Molecular Weight: 24.87 kDa. Due to glycosylation, the protein migrates to 35-50 kDa based on Tris-Bis PAGE result.

UniProt: [O35536](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months