

Datasheet for ABIN7275695

TFPI2 Protein (AA 23-213) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	TFPI2
Protein Characteristics:	AA 23-213
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TFPI2 protein is labelled with His tag.

Product Details

Purpose:	Human TFPI-2 Protein
Sequence:	Asp23-Lys213.
Characteristics:	Recombinant Human TFPI-2 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Asp23-Lys213.
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:	22.9 kDa. Due to glycosylation, the protein migrates to 30-35 kDa based on Tris-Bis PAGE result.
NCBI Accession:	NP_006519

Application Details

Restrictions:	For Research Use only
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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 0.22µm 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



SDS-PAGE

Image 1. Human TFPI-2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .