Datasheet for ABIN6387820

TFPI2 Protein (AA 23-213) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	TFPI2
Protein Characteristics:	AA 23-213
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TFPI2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	DAAQEPTGNN AEICLLPLDY GPCRALLLRY YYDRYTQSCR QFLYGGCEGN ANNFYTWEAC DDACWRIEKV PKVCRLQVSV DDQCEGSTEK YFFNLSSMTC EKFFSGGCHR NRIENRFPDE ATCMGFCAPK KIPSFCYSPK DEGLCSANVT RYYFNPRYRT CDAFTYTGCG GNDNNFVSRE DCKRACAKAL KLEHHHHHH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	TFPI2
Alternative Name:	TFPI2 (TFPI2 Products)
Background:	TFPI2, as known as tissue factor pathway inhibitor 2 isoform 1, is a kunitz-type serine

Target Details

	proteinase inhibitor, which is produced and secreted into endothelial cell matrix (ECM) by endothelial cells, smooth muscle cells, fibroblasts, keratinocytes, and urothelium. Also, this protein has been shown to inhibit ECM proteases essential for angiogenesis and metastasis. Recombinant human TFPI2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	22.9kDa (199aa) 18-40kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	NP_006519
UniProt:	P48307

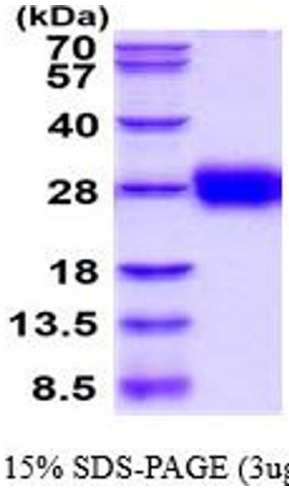
Application Details

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

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Images



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.