

Datasheet for ABIN7529364  
**TFPI Protein (AA 29-304) (His tag)**



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1 Image

## Overview

Quantity:	100 µg
Target:	TFPI
Protein Characteristics:	AA 29-304
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TFPI protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	ADPDSEEDDEE HTIITDTELP PLKLMHSFCA FKADDGPCKA IMKRFFFNIF TRQCEEFIYG GCEGNQNRFE SLEECKKMCT RDNANRIKT TLQKEKPDFC FLEEDPGICR GYITRYFYNN QTKQCERFKY GGCLGNMNNF ETLEECKNIC EDGPNGFQVD NYGTQLNAV N NSLTPOSTKV PSLFEFHGPS WCLTPADRGL CRANENRFYY NSVIGKCRPF KYSGCGGNEN NFTSKQECLR ACKKGFQRI SKGGLIKTKR KRKKQRVKIA YEEIFVKNMH HHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

## Target Details

Target:	TFPI
Alternative Name:	TFPI ( <a href="#">TFPI Products</a> )

## Target Details

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Background:	TFPI, also known as tissue factor pathway inhibitor isoform, is the major regulator of tissue factor (TF)-induced coagulation. It is predominantly produced by microvascular endothelial cells, though it is also found in platelets, monocytes, smooth muscle cells, and plasma. It is an anticoagulant protein that inhibits early phases of the procoagulant response. It has been shown to be associated with breast cancer pathogenesis. It consists of a highly negatively charged amino-terminus, three tandemly linked Kunitz domains, and a highly positively charged carboxy-terminus. It exhibits significant homology with human inter-alpha-trypsin inhibitor and bovine basic pancreatic trypsin inhibitor. Recombinant human TFPI, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	33kDa (285aa) 40-57kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	<a href="#">NP_006278</a>
UniProt:	<a href="#">P10646</a>

## Application Details

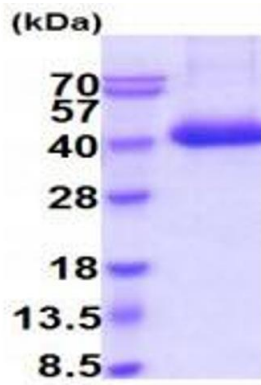
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.25 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.



15% SDS-PAGE (3ug)

### SDS-PAGE

Image 1.