

Tissue Factor Pathway Inhibitor (TFPI) Protein | TFPI protein

Eukaryotic Tissue Factor Pathway Inhibitor (TFPI)

CATALOG # AAA150588	HOST 293F cells	APPLICATIONS Western Blot, SDS-Page
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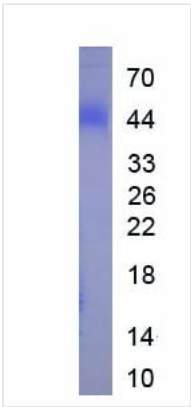
PRODUCT SYNONYMS

Tissue Factor Pathway Inhibitor (TFPI); Eukaryotic Tissue Factor Pathway Inhibitor (TFPI); Tissue Factor Pathway Inhibitor; TFI; EPI; LACI; TFPI1; Lipoprotein-Associated Coagulation Inhibitor; Extrinsic pathway inhibitor; TFPI protein

PRODUCT SPECIFICATIONS

Host	293F cells
Purity/Purification	>90%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Asp29~Met3 04
Applicable Applications for TFPI protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Eukaryotic expression
Species	Human
Tag	N-terminal His Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	8.2
Subcellular Location	Secreted
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

DSEEDDEHTIITOTELPLKLHSHSCAFKADGGCKAINKRFFNIFTRQCEEFYGGCEQNRIFESLEECKKCTRONANRIKTTL
QKEKPDFGLEEDPGICROYITRYFYNNQTKQCEFRKYGGCLGWNWIFETLEECKNICEGPNQFQNDYGTQLNANVNSLTPOSTKVP
SLFETHGPSKCLTPADKGLCRANENRFYNSVIGKRPFRKYSGCCGNEINFTSKQECCLACKKGFQRIESKGLLTKNRKRRKQKWKZA
YEEIFVKNM

SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for TFPI protein	Metabolic pathway; Hematology; Eukaryotic proteins/EP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	73760409
NCBI GeneID	7035
NCBI Accession #	NP_001027452.1
NCBI GenBank Nucleotide #	NM_001032281.2
UniProt Accession #	P10646; O95103; Q53TS4
Molecular Weight	35,015 Da
NCBI Official Full Name	tissue factor pathway inhibitor isoform b
NCBI Official Synonym Full Names	tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor)
NCBI Official Symbol	TFPI
NCBI Official Synonym Symbols	EPI; TFI; LACI; TFPI1
NCBI Protein Information	tissue factor pathway inhibitor; anti-convertin; extrinsic pathway inhibitor
UniProt Protein Name	Tissue factor pathway inhibitor
UniProt Gene Name	TFPI
UniProt Synonym Gene Names	LACI; TFPI1; TFPI; EPI; LACI
UniProt Entry Name	TFPI1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.