

Tissue factor pathway inhibitor (TFPI) Recombinant Protein | TFPI recombinant protein

Recombinant Human Tissue factor pathway inhibitor (TFPI), partial

CATALOG # AAA113239	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Tissue factor pathway inhibitor (TFPI); Recombinant Human Tissue factor pathway inhibitor (TFPI); partial; TFPI recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	29-280. Partial
Sequence	DSEEDDEHTI ITDTELPLK LMHSFCAFK A DDGPCKAIMK RFFFNIFTRQ CEEFIYGGCE GNQNRFESLE ECKKMCTRDN ANRIIKTTLQ QEKPDFCFLE EDPGICRGYI TRYFYNNQTK QCERFKYGGC LGNMNNFETL EECKNICEDG PNGFQVDNYG TQLNAVNNLSL TPQSTKVPSL FEFHGPSWCL TPADRGLCRA NENRFYNSV IGKCRPFKYS GCGGNENNFT SKQECLRACK KGFIQRISKG GL
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for TFPI recombinant protein	This gene encodes a protease inhibitor that regulates the tissue factor (TF)-dependent pathway of blood coagulation. The coagulation process initiates with the formation of a factor VIIa-TF complex, which proteolytically activates additional proteases (factors IX and X) and ultimately leads to the formation of a fibrin clot. The product of this gene inhibits the activated factor X and VIIa-TF proteases in an autoregulatory loop. The encoded protein is glycosylated and predominantly found in the vascular endothelium and plasma in both free forms and complexed with plasma lipoproteins. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been confirmed.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	73760409
NCBI GeneID	7035
NCBI Accession #	NP_001027452.1
NCBI GenBank Nucleotide #	NM_001032281.3
UniProt Accession #	P10646 ; O95103 ; Q53TS4
Molecular Weight	55.9 kDa
NCBI Official Full Name	tissue factor pathway inhibitor isoform b
NCBI Official Synonym Full Names	tissue factor pathway inhibitor
NCBI Official Symbol	TFPI

NCBI Official Synonym Symbols	EPI; TFI; LACI; TFPI1
NCBI Protein Information	tissue factor pathway inhibitor
UniProt Protein Name	Tissue factor pathway inhibitor
UniProt Gene Name	TFPI
UniProt Synonym Gene Names	LACI; TFPI1; TFPI; EPI; LACI

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.

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Online datasheet: <https://www.aaabiotech.com/tfpi-recombinant-protein-e-coli/113239>