

TFPI active protein

Active Recombinant Human TFPI Protein

CATALOG #
AAA282521

HOST
HEK293 cells

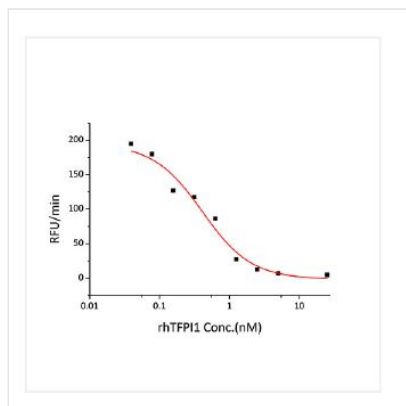
PRODUCT SYNONYMS

TFPI; Active Recombinant Human TFPI Protein; EPI; LACI; TFI; TFPI1; TFPI active protein

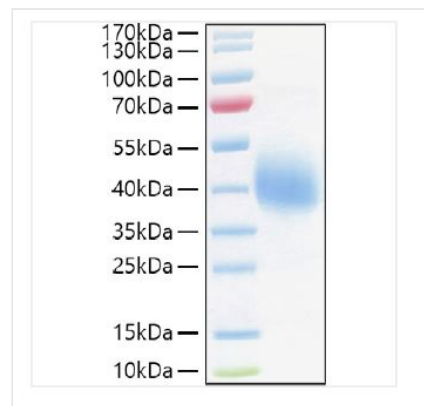
PRODUCT SPECIFICATIONS

Host	HEK293 cells
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Human
Tag	C-His
Bioactivity	Measured by its ability to inhibit trypsin cleavage of a fluorogenic peptide substrate, Mca-RPKPVE-Nval-WRK(Dnp)-NH ₂ . The IC ₅₀ value is <0.41 nM.
Preparation and Storage	Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles. Ship: Ice Pack

IMAGES



Application Data

Recombinant human TFPI1 inhibits trypsin cleavage of a fluorogenic peptide substrate, Mca-RPKPVE-Nval-WRK(Dnp)-NH₂. The IC₅₀ value is


SDS-PAGE

Active Recombinant Human TFPI Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 37-50kDa.

ADDITIONAL INFORMATION

Related Product Information for TFPI active protein

Active Recombinant Human TFPI Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Asp29-Lys282) of human TFPI1 (Accession #NP_006278.1) fused with a 6×His tag at the C-terminus.

Product Categories/Family for TFPI active protein

[Biosimilar Drug Targets](#)

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.

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Online datasheet: <https://stage.aaabiotech.com/hek293-cells-active-protein/tfpi/282521>