

TFPI recombinant protein

Recombinant Mouse TFPI Protein

CATALOG # AAA282587	HOST HEK293 cells
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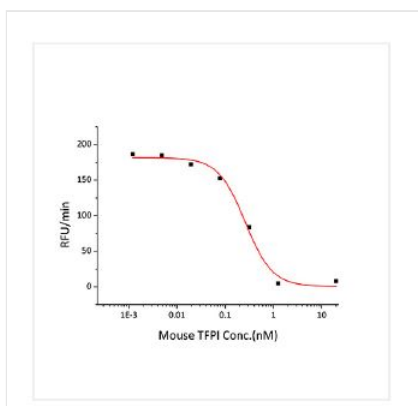
PRODUCT SYNONYMS

TFPI; Recombinant Mouse TFPI Protein; EPI; LACI; A630013F22Rik; TFPI recombinant protein

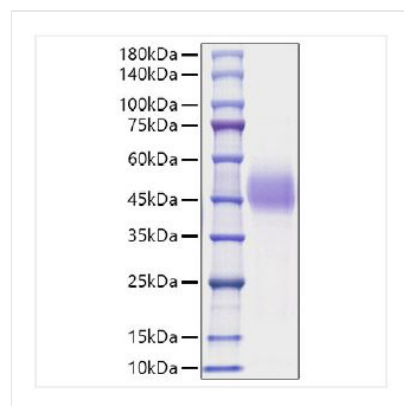
PRODUCT SPECIFICATIONS

Host	HEK293 cells
Purity/Purification	> 97% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Mouse
Tag	C-6His
Bioactivity	Measured by its ability to inhibit trypsin cleavage of a fluorogenic peptide substrate, Mca-RPKPVE-Nval-WRK(Dnp)-NH ₂ (RD). The IC ₅₀ value is <0.26 nM, as measured under the described conditions.
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 Mouse TFPI inhibit trypsin cleavage of a fluorogenic peptide substrate, Mca-RPKPVE-Nval-WRK(Dnp)-NH₂ (RD). The IC₅₀ value is < 0.26 nM, as measured under the described conditions.


SDS-PAGE

Active Recombinant Mouse TFPI Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 45 kDa.

ADDITIONAL INFORMATION

Related Product Information for TFPI recombinant protein	Recombinant Mouse TFPI Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Leu 29-Asn306) of mouse TFPI (Accession #NP_035706.1) fused with and a 6×His tag at the C-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	33859644
NCBI GeneID	21788
NCBI Accession #	NP_035706.1
NCBI GenBank Nucleotide #	NM_011576.1
UniProt Accession #	O54819; Q9Z2U8
Molecular Weight	28,949 Da
NCBI Official Full Name	tissue factor pathway inhibitor isoform a
NCBI Official Synonym Full Names	tissue factor pathway inhibitor
NCBI Official Symbol	Tfpi
NCBI Official Synonym Symbols	EPI; LACI; AW552122; A630013F22Rik
NCBI Protein Information	tissue factor pathway inhibitor; extrinsic pathway inhibitor; lipoprotein-associated coagulation inhibitor
UniProt Protein Name	Tissue factor pathway inhibitor
UniProt Gene Name	Tfpi
UniProt Synonym Gene Names	TFPI; EPI; LACI
UniProt Entry Name	TFPI1_MOUSE

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.