

Active Recombinant Human TFPI2 protein, His-tagged

Cat. No. TFPI2-876H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human TFPI2 protein(NP_006519.1)(Asp23-Lys213) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	23-213 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Measured by its ability to inhibit trypsin cleavage of a fluorogenic peptide substrate, the IC50 value is < 5 nM.
Molecular Mass	The protein has a predicted MW of 22.9 kDa. Due to glycosylation, the protein migrates to 30-35 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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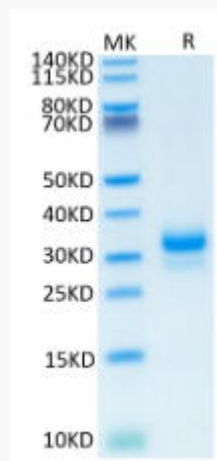
 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name	TFPI2 tissue factor pathway inhibitor 2 [Homo sapiens]
Official Symbol	TFPI2
Synonyms	TFPI2; tissue factor pathway inhibitor 2; PP5; REF1; TFPI 2; placental protein 5; TFPI-2; FLJ21164;
Gene ID	7980
mRNA Refseq	NM_006528
Protein Refseq	NP_006519
MIM	600033
UniProt ID	P48307

Bis-Tris PAGE



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