

Recombinant Human TFPI2 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human TFPI2 protein(NP_006519.1)(Asp23-Lys213.), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Asp23-Lys213.
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
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 Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual

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defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. 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

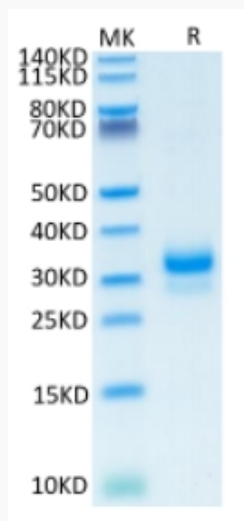
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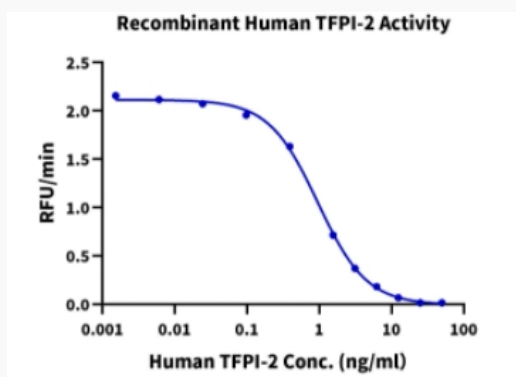
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Tris-Bis PAGE



ELISA Data



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