

Recombinant Human TFPI protein, His-Avi-tagged

Cat. No. TFPI-646H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TFPI protein(P10646-1)(Asp29-Lys282), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Asp29-Lys282
Tag	C-His-Avi
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 < 0.75 nM.
Molecular Mass	The protein has a predicted MW of 32.1 kDa. Due to glycosylation, the protein migrates to 40-50 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;> 95% as determined by HPLC
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

TFPI tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor) [[Homo sapiens](#)]

Official Symbol

[TFPI](#)

Synonyms

TFPI; tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor); LACI; tissue factor pathway inhibitor; EPI; extrinsic pathway inhibitor; TFI; TFPI1; anti-convertin;

Gene ID

[7035](#)

mRNA Refseq

[NM_001032281](#)

Protein Refseq

[NP_001027452](#)

MIM

[152310](#)

UniProt ID

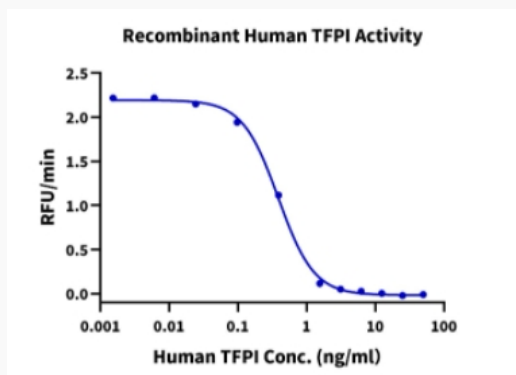
[P10646](#)

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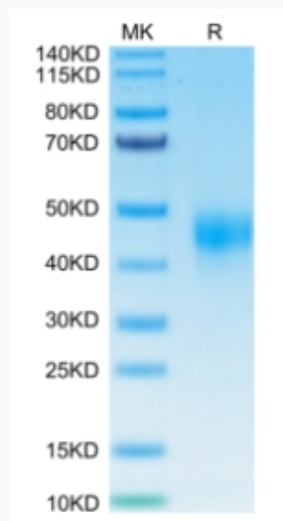
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Bioactivity Data



Tris-Bis PAGE



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