

# Recombinant Human TFPI protein, His-tagged, Biotinylated

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Biotinylated Recombinant Human TFPI protein(Asp 29 - Lys 282), fused with His tag, was expressed in HEK293.                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | Asp 29 - Lys 282                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.                                                                                                                                                                                                           |
| <b>Molecular Mass</b>   | This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 30.0 kDa. The protein migrates as 41-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.                                                                            |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                                                                                                                                                         |
| <b>Purity</b>           | >95% as determined by SDS-PAGE.                                                                                                                                                                                                                                                    |
| <b>Storage</b>          | For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of                                                                                                                                                                                           |

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**Conjugation** Biotin

## 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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