

## Tissue Factor Pathway Inhibitor (TFPI) Protein | TFPI protein

Eukaryotic Tissue Factor Pathway Inhibitor (TFPI)

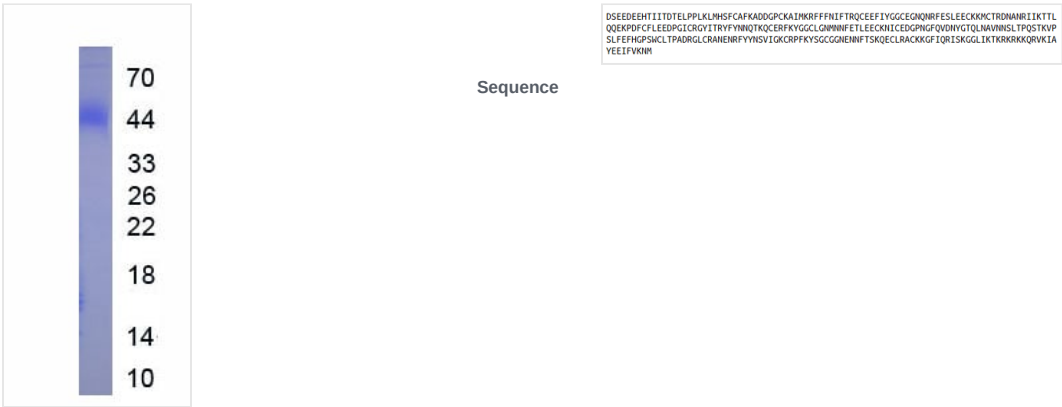
|                               |                           |                                               |
|-------------------------------|---------------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA150588</b> | HOST<br><b>293F cells</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|---------------------------|-----------------------------------------------|

### PRODUCT SYNONYMS

Tissue Factor Pathway Inhibitor (TFPI); Eukaryotic Tissue Factor Pathway Inhibitor (TFPI); Tissue Factor Pathway Inhibitor; TFI; EPI; LACI; TFPI1; Lipoprotein-Associated Coagulation Inhibitor; Extrinsic pathway inhibitor; TFPI protein

### PRODUCT SPECIFICATIONS

|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                     | 293F cells                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Purity/Purification                      | >90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Form/Format                              | Freeze-dried powder<br>20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.                                                                                                                                                                                                                                                                                                                                             |
| Sequence                                 | Asp29~Met3 04                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Applicable Applications for TFPI protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                                                                                                                                                                                                                                                                                                                                                               |
| Source                                   | Eukaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Species                                  | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Tag                                      | N-terminal His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Endotoxin                                | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Isoelectric Point                        | 8.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Subcellular Location                     | Secreted                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Usage                                    | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                                                                                                                                                                                                                                                                                                                                                      |
| Preparation and Storage                  | Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles.<br>The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |



SDS-PAGE  
Figure. SDS-PAGE

ADDITIONAL INFORMATION

|                                            |                                                       |
|--------------------------------------------|-------------------------------------------------------|
| Product Categories/Family for TFPI protein | Metabolic pathway; Hematology; Eukaryotic proteins/EP |
|--------------------------------------------|-------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| NCBI GI #                        | 73760409                                                                       |
| NCBI GeneID                      | 7035                                                                           |
| NCBI Accession #                 | NP_001027452.1                                                                 |
| NCBI GenBank Nucleotide #        | NM_001032281.2                                                                 |
| UniProt Accession #              | P10646; O95103; Q53TS4                                                         |
| Molecular Weight                 | 35,015 Da                                                                      |
| NCBI Official Full Name          | tissue factor pathway inhibitor isoform b                                      |
| NCBI Official Synonym Full Names | tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor) |
| NCBI Official Symbol             | TFPI                                                                           |
| NCBI Official Synonym Symbols    | EPI; TFI; LACI; TFPI1                                                          |
| NCBI Protein Information         | tissue factor pathway inhibitor; anti-convertin; extrinsic pathway inhibitor   |
| UniProt Protein Name             | Tissue factor pathway inhibitor                                                |
| UniProt Gene Name                | TFPI                                                                           |
| UniProt Synonym Gene Names       | LACI; TFPI1; TFPI; EPI; LACI                                                   |
| UniProt Entry Name               | TFPI1_HUMAN                                                                    |

**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.