

## Recombinant Human TFPI2 Protein, His-tagged

Cat. No. TFPI2-226H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                                                                                                                                  |
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| Product Overview | Recombinant Human TFPI2 fused with His tag at N-terminal was expressed in E. coli.                                                                                                                                                                                                                                                                                                               |
| Species          | Human                                                                                                                                                                                                                                                                                                                                                                                            |
| Source           | E.coli                                                                                                                                                                                                                                                                                                                                                                                           |
| ProteinLength    | 1-235 aa                                                                                                                                                                                                                                                                                                                                                                                         |
| Description      | This gene encodes a member of the Kunitz-type serine proteinase inhibitor family. The protein can inhibit a variety of serine proteases including factor VIIa/tissue factor, factor Xa, plasmin, trypsin, chymotrypsin and plasma kallikrein. This gene has been identified as a tumor suppressor gene in several types of cancer. Alternative splicing results in multiple transcript variants. |
| Form             | 50mM Tris, 8M Urea, pH8.0.                                                                                                                                                                                                                                                                                                                                                                       |
| Molecular Mass   | 26.8 kDa                                                                                                                                                                                                                                                                                                                                                                                         |
| Purity           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                      |
| Concentration    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                 |

### GENE INFORMATION

|           |                                                          |
|-----------|----------------------------------------------------------|
| Gene Name | TFPI2 tissue factor pathway inhibitor 2 [ Homo sapiens ] |
|-----------|----------------------------------------------------------|

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|------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | TFPI2                                                                                               |
| <b>Synonyms</b>        | TFPI2; tissue factor pathway inhibitor 2; PP5; REF1; TFPI 2; placental protein 5; TFPI-2; FLJ21164; |
| <b>Gene ID</b>         | 7980                                                                                                |
| <b>mRNA Refseq</b>     | NM_006528                                                                                           |
| <b>Protein Refseq</b>  | NP_006519                                                                                           |
| <b>MIM</b>             | 600033                                                                                              |
| <b>UniProt ID</b>      | P48307                                                                                              |

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