

## Recombinant Human TFPI2 Protein

Cat. No. TFPI2-754H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human TFPI2 protein without tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	235
<b>Description</b>	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.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	22.7 kDa
<b>AA Sequence</b>	MDPARPLGLSILLFLTEAALGDAAQEPTGNNAEICLLPLDYGPCRALLLRYYYDRYT QSCRQFLYGGCEGNANNFYTWACDDACWRIEKVPKVCRLQVSVDDQCEGSTEK YFFNLSSMTCEKFFSFGGCHRNRNRIENRFPDEATCMGFCAPKKIPSPFCYSPKDEGLCS ANVTRYFNPRTYRTCDAFTYTGCGGNDNNFVSREDCKRACAKALKKKKKMPKLRF ASRIRKIRKKQF
<b>Purity</b>	> 98%

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Applications</b>	WB; ELISA; FACS; FC
<b>Stability</b>	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
<b>Storage</b>	At -20 centigrade.
<b>Concentration</b>	1 mg/mL
<b>Storage Buffer</b>	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
<b>Reconstitution</b>	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

## GENE INFORMATION

<b>Gene Name</b>	TFPI2 tissue factor pathway inhibitor 2 [ Homo sapiens (human) ]
<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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>MIM</b>	600033
<b>UniProt ID</b>	P48307

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA