

Recombinant Human TFPI2 Protein

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

SPECIFICATION

Product Overview	Recombinant human TFPI2 protein without tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	235
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	Lyophilized
Molecular Mass	22.7 kDa
AA Sequence	MDPARPLGLSILLFLTEAALGDAAQEPTGNNAEICLLPLDYGPCRALLLRYYYDRYT QSCRQFLYGGCEGNANNFYTWEACDDACWRIEKVPKVCRLQVSVDDQCEGSTK YFFNLSSMTCEKFFSFGGCHRNRIENRFPDEATCMGFCAPKKIPSFCYSPKDEGLCS ANVTRYFNPRTCDFTYTGCGGNDNNFVSREDCKRACAKALKKKKMPKLR ASRIRKIRKKQF
Purity	> 98%

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Applications	WB; ELISA; FACS; FC
Stability	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.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	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

Gene Name	TFPI2 tissue factor pathway inhibitor 2 [Homo sapiens (human)]
Official Symbol	TFPI2
Synonyms	TFPI2; tissue factor pathway inhibitor 2; PP5; REF1; TFPI 2; placental protein 5; TFPI-2; FLJ21164;
Gene ID	7980
mRNA Refseq	NM_006528
Protein Refseq	NP_006519

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MIM	600033
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UniProt ID	P48307
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