

Recombinant Human TFPI2 Protein, His tagged

Cat. No. TFPI2C-65H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human TFPI2 (23-213 aa), fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
ProteinLength	23-213 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	Liquid
AASequence	DAAQEPTGNNAEICLLPLDYGPCRALLLRYYYYDRYTQSCRQFLYGGCEGNANNFYT WEACDDACWRIEKVPKVCRLQVSVDDQCEGSTKEYFFNLSSMTCEKFFSGGCHRN RIENRFPDEATCMGFCAPKKIPSFYCSPKDEGLCSANVTRYFNPRTCDRAFTYTG CGGNDNNFVSREDCKRACAKALKLEHHHHHH
Molecular Mass	22.9 kDa

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Endotoxin	< 1 EU/μg by LAL
Purity	> 95% by SDS-PAGE
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol
Concentration	0.5 mg/mL (determined by absorbance at 280nm)

GENE INFORMATION

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

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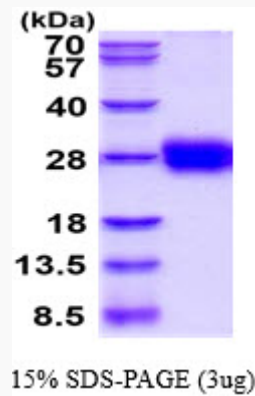
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Protein Refseq 2 NP_006519

MIM 2 600033

UniProt ID 2 P48307

SDS-PAGE



3 µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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