

## Datasheet for ABIN6719845 **TFPI2 ELISA Kit**



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### Overview

Quantity:	1 kit
Target:	TFPI2
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	156 pg/mL - 10000 pg/mL
Minimum Detection Limit:	156 pg/mL
Application:	ELISA

### Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: Placental protein 5, PP5, REF1, Retinal pigment epithelium cell factor 1, TFPI 2, TFPI-2, TFPI2, TFPI2 PEN, TFPI2_HUMAN, Tissue factor pathway inhibitor 2</p> <p>Background: TFPI2, also called Tissue factor pathway inhibitor 2, is a protein that in humans is encoded by the TFPI2 gene. It is mapped to 7q21.3. 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. Qualitative PCR and microarray analyses showed that expression of TFPI2 was inversely</p>

## Product Details

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correlated with that of MIR616 in prostate cancer cell lines, primary tumors of various grades, and normal tissue.

Gene Name: TFPI2

Production: Natural and recombinant human TFPI2. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: D23-F235

## Target Details

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Target: TFPI2

Alternative Name: TFPI2 ([TFPI2 Products](#))

Gene ID: 7980

NCBI Accession: [NP\\_001257932](#)

UniProt: [P48307](#)

## Application Details

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Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 10,000pg/mL, 5000pg/mL, 2500pg/mL, 1250pg/mL, 625pg/mL, 312pg/mL, 156pg/mL human TFPI2 standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates or serum to each empty well. It is recommended that each human TFPI2 standard solution and each sample be measured in duplicate.

ELISA Dilution: 156pg/mL-10,000pg/mL

Sample Volume: 100 µL

Plate: Pre-coated

Restrictions: For Research Use only

## Handling

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Storage: RT, 4 °C, -20 °C

Storage Comment: Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid

cycles of freezing and thawing.