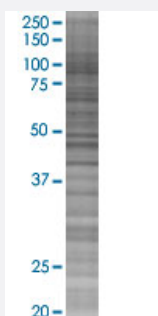


TFPI 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00007035-T02

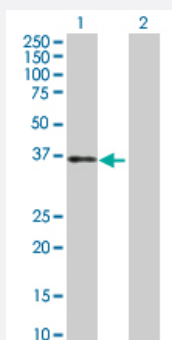
Size 100 uL

Applications



SDS-PAGE Gel

TFPI transfected lysate.



Western Blot

Lane 1: TFPI transfected lysate (35.00 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-TFPI full-length

Host Human

Theoretical MW (kDa) 35

Quality Control Testing Transient overexpression cell lysate was tested with Anti-TFPI antibody ([H00007035-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 TFPI transfected lysate.
 Western Blot
 Lane 1: TFPI transfected lysate (35.00 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — TFPI

Entrez GeneID	7035
GeneBank Accession#	NM_006287.4
Protein Accession#	NP_006278.1
Gene Name	TFPI
Gene Alias	EPI, LACI, TFI, TFPI1
Gene Description	tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor)
Omim ID	152310
Gene Ontology	Hyperlink

Gene Summary	This gene encodes a protease inhibitor that regulates the tissue factor (TF)-dependent pathway of blood coagulation. The coagulation process initiates with the formation of a factor VIIa-TF complex, which proteolytically activates additional proteases (factors IX and X) and ultimately leads to the formation of a fibrin clot. The product of this gene inhibits the activated factor X and VIIa-TF proteases in an autoregulatory loop. The encoded protein is glycosylated and predominantly found in the vascular endothelium and plasma in both free forms and complexed with plasma lipoproteins. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been confirmed. [provided by RefSeq]
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Other Designations	OTTHUMP00000163472 anti-converting extrinsic pathway inhibitor lipoprotein-associated coagulation inhibitor tissue factor pathway inhibitor
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Pathway

- [Complement and coagulation cascades](#)

Disease

- [Acute Disease](#)
- [Antiphospholipid Syndrome](#)
- [Arterial Occlusive Diseases](#)
- [Atherosclerosis](#)
- [Autistic Disorder](#)
- [Brain Ischemia](#)
- [Cadaver](#)
- [Cardiovascular Diseases](#)
- [Cerebral Infarction](#)
- [Cerebral Palsy](#)
- [Cerebrovascular Accident](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Femur Head Necrosis](#)
- [Genetic Predisposition to Disease](#)
- [Hemorrhage](#)
- [Inflammation](#)
- [Ischemic Attack](#)
- [Postoperative Complications](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)

- [Stroke](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Vascular Diseases](#)
- [Venous Thrombosis](#)
- [Werner syndrome](#)