

Product datasheet

Recombinant Human TFPI protein ab152742

[1 Image](#)

Description

Product name	Recombinant Human TFPI protein
Expression system	Wheat germ
Accession	<u>P10646-2</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	RFKYGGCLGNMNNFETLEECKNICEDGPNGFQVDNYGTQ LNAVNNSLTPQ STKVPSLFVTKEGTNDGWKSAAHYQVFLNAFCI HASMFF LGLDSISCLC
Predicted molecular weight	37 kDa including tags
Amino acids	152 to 251

Specifications

Our **Abpromise guarantee** covers the use of **ab152742** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA SDS-PAGE Western blot
Form	Liquid

Additional notes

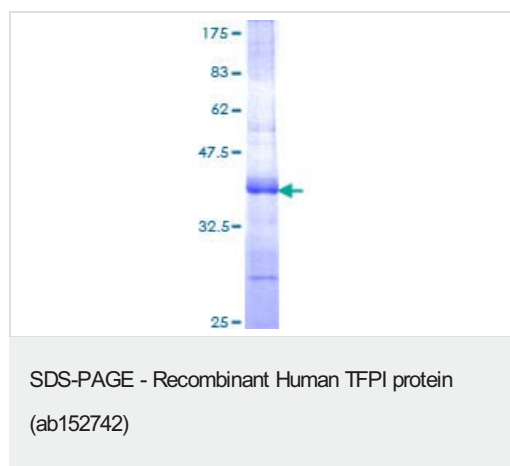
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

Function	Inhibits factor X (X(a)) directly and, in a Xa-dependent way, inhibits VIIa/tissue factor activity, presumably by forming a quaternary Xa/LAC/VIIa/TF complex. It possesses an antithrombotic action and also the ability to associate with lipoproteins in plasma.
Tissue specificity	Mostly in endothelial cells.
Sequence similarities	Contains 3 BPTI/Kunitz inhibitor domains.
Domain	This inhibitor contains three inhibitory domains. The first domain interacts with VIIa and TF, the second one with Xa.
Post-translational modifications	O-glycosylated.
Cellular localization	Secreted.

Images



12.5% SDS-PAGE analysis of ab152742 stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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