

Product datasheet

Recombinant Human TFPI protein (denatured)
 ab171716

1 Image

Overview

Product name	Recombinant Human TFPI protein (denatured)
Protein length	Full length protein
Description	Recombinant Human TFPI protein

Description

Nature	Recombinant
Source	Escherichia coli
Amino Acid Sequence	
Accession	P10646
Species	Human
Sequence	<p>MGSSHHHHHH SSGLVPRGSH MGSDSEEDDEE HTIITDELP PLKLMHSFCA FKADDGPCKA IMKRFFFNIF TRQCEEFIYG GCEGNQNRFE SLEECKKMCT RDNANRIKT TLQQEKPDFC FLEEDPGICR GYTRYFYNN QTKQCERFKY GGCLGNMNNF ETLEECKNIC EDGPNGFQVD NYGTQLNAVN NSLTPQSTKV PSLFEFHGPS WCLTPADRGL CRANENRFYY NSVIGKCRPF KYSGCGNEN NFTSKQECLR ACKKGFIQRI SKGGLIKTKR KRKKQRVKIA YEEIFVKNM</p>
Molecular weight	34 kDa including tags
Amino acids	29 to 304
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab171716** in the following tested applications.

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

Applications	SDS-PAGE
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Purity	> 85 % SDS-PAGE. ab171716 was purified by anion-exchange and gel-filtration chromatography techniques.
Form	Liquid

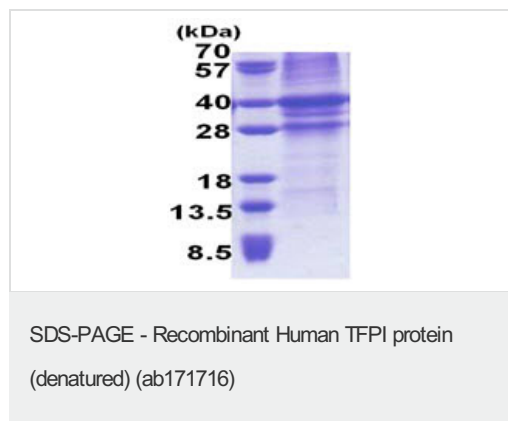
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 2.4% Urea, 0.32% Tris HCl, 10% Glycerol
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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/LACI/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



15% SDS-PAGE analysis of ab171716 (3µg).

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