

Biotinylated Recombinant Human TFPI Protein

Catalog No.: RP02066B **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	7035	P10646

Tags

C-His&Avi

Synonyms

EPI; LACI; TFI; TFPI1;TFPI;LACI;TFI;TFPI1

Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE;> 95% by SEC-HPLC

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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Background

Oestrogens influence the pathophysiology and development of hormone-sensitive cancers, such as breast cancer. Tissue factor pathway inhibitor (TFPI) is a serine protease inhibitor of the extrinsic coagulation pathway and has recently been associated with breast cancer cell development.

Basic Information

Description

Biotinylated Recombinant Human TFPI Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Asp29-Lys282) of Human TFPI fused with a His and Avi tag at the C-terminal.

Bio-Activity

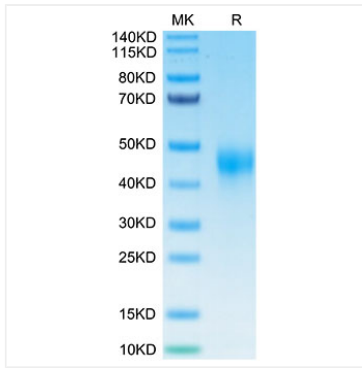
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Biotinylated Human TFPI on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.