

Biotinylated Recombinant Human TFPI Protein

Catalog No.: RP02066B **Recombinant**

Sequence Information

Species Human **Gene ID** 7035 **Swiss Prot** P10646

Tags

C-His&Avi

Synonyms

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

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

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

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.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Product Information

Source

HEK293 cells

Purification

≥ 95 % as determined by Tris-Bis PAGE.

Calculated MW

32.1 kDa

Observed MW

40-50 kDa

Endotoxin

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

Formulation

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

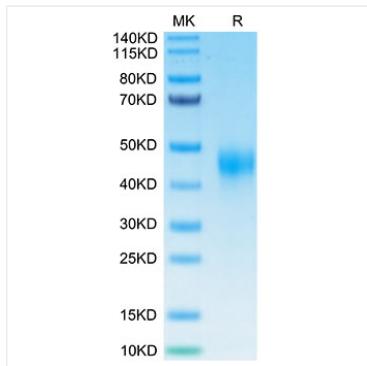
Reconstitution

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.

Contact

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Validation Data



Biotinylated Recombinant Human TFPI
Protein was determined by Tris-Bis PAGE
under reducing conditions.