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Datasheet for ABIN7536142
TFPI Protein (His tag)

Overview

Quantity:	100 µg
Target:	TFPI
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TFPI protein is labelled with His tag.

Product Details

Purpose:	Active Recombinant Mouse TFPI Protein
Sequence:	LSEEADDTDS ELGSMKPLHT FCAMKADDGP CKAMIRSYFF NMYTHQCEEF IYGGCEGNEN RFDTLEECKK TCIPGYEKTA VKAASGAERP DFCFLEEDPG LCRGYMKRYL YNNQTKQCER FVYGGCLGNR NNFETLDECK KICENPVHSP SPVNEVQMSD YVTDGNTVTD RSTVNNIVVP QSPKVPRRRD YRGRPWCCLQP ADSGLCKASE RRFYNSATG KCHRFNYTGC GGNNNNFTTR RRCLRSCKTG LIKNKSKGVV KIQRRKAPFV KVVYESIN
Specificity:	Leu 29-Asn306
Purity:	> 97 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.1EU/µg
Biological Activity Comment:	Measured by its ability to inhibit trypsin cleavage of a fluorogenic peptide substrate, Mca-RPKPVE-Nval-WRK(Dnp)-NH ₂ . The IC ₅₀ value is <0.26 nM, as measured under the described

Product Details

conditions.

Target Details

Target:	TFPI
Alternative Name:	TFPI (TFPI Products)
Background:	<p>Description: Tissue factor pathway inhibitor (TFPI) is the natural inhibitor of TF coagulant and signaling activities. It is a Kunitz-type serine proteinase inhibitor that down-regulates tissue factor-initiated blood coagulation.</p> <p>Name: EPI, LACI, A630013F22Rik,TFPI</p>
Gene ID:	21788
UniProt:	054819

Application Details

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial 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.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.