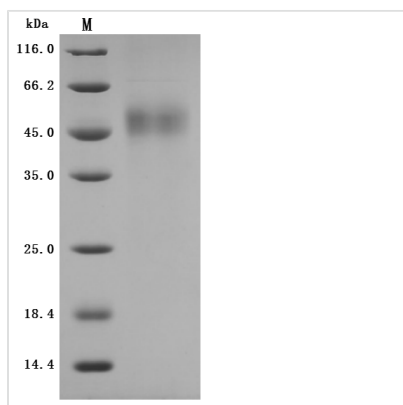


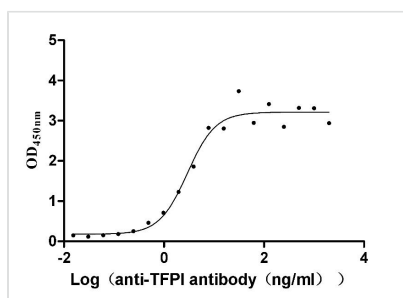


# Recombinant Rabbit Tissue factor pathway inhibitor (TFPI) (Active)

<b>Product Code</b>	CSB-MP023437RB
<b>Abbreviation</b>	Recombinant Rabbit TFPI protein (Active)
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P19761
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Oryctolagus cuniculus (Rabbit)
<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Rabbit TFPI at 1 µg/mL can bind Anti-TFPI recombinant antibody (CSB-RA023437MA01HU), the EC <sub>50</sub> is 2.281-3.783 ng/mL.
<b>Purity</b>	Greater than 95% as determined by SDS-PAGE.
<b>Sequence</b>	AAEEDDEFTNITDIKPPLQKPTHSEFCAMKVDDGPCRAYIKRFFFNILTHQCEEFI YGGCEGNENRFESLEECKEKCARDYPKMTTKLTFQKGKPDFCFLEEDPGICR GYITRYFYNNQSKQCERFKYGGCLGNLNNFESLEECKNTCENPTSDFQVDDH RTQLNTVNNTLINQPTKAPRRWAFHGPSWCLPPADRGLCQANEIRFFFYNAIIG KCRPFKYSGCGNENNFTSKKACITACKKGFIPKSIKGGLIKTKRKKKKQPVKIT YVETFVKKKT
<b>Research Area</b>	Others
<b>Source</b>	Mammalian cell
<b>Target Names</b>	TFPI
<b>Protein Names</b>	Recommended name: Tissue factor pathway inhibitor Short name= TFPI Alternative name(s): Extrinsic pathway inhibitor Short name= EPI Lipoprotein-associated coagulation inhibitor Short name= LACI
<b>Expression Region</b>	25-300aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 10xHis-tagged
<b>Mol. Weight</b>	35.4 kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



**Activity**  
Measured by its binding ability in a functional ELISA. Immobilized Rabbit TFPI at 1 µg/ml can bind Anti-TFPI recombinant antibody (CSB-RA023437MA01HU), the EC<sub>50</sub> is 2.281-3.783 ng/mL.

## Description

Our Recombinant Rabbit TFPI offers an accurate replication of the native Tissue factor pathway inhibitor protein, a crucial component in cardiovascular research. Engineered using the TFPI gene derived from the rabbit species, this recombinant protein is meticulously produced in a mammalian cell system. Covering the 25-300 amino acid region, it presents the full length of the mature protein, embodying a faithful representation of the natural element.

Equipped with an N-terminal 10xHis-tag, this Recombinant Rabbit TFPI provides convenience for detection and purification tasks. It achieves a purity greater than 95%, as confirmed by SDS-PAGE, and harbors less than 1.0 EU/µg endotoxin, as determined by the LAL method. It has also proven its functional significance through binding ability tests in functional ELISA, demonstrating an EC<sub>50</sub> of 2.281-3.783 ng/mL with an Anti-TFPI recombinant antibody. Available as either a liquid or lyophilized powder, our product caters to your specific research requirements.

### Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

### Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.