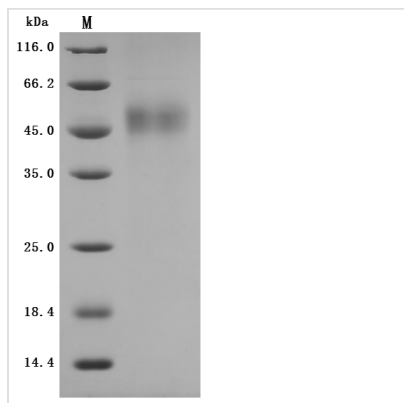


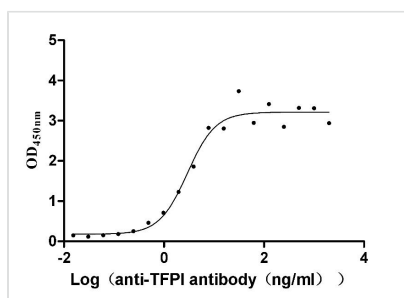


# Recombinant Rabbit Tissue factor pathway inhibitor (TFPI) (Active)

|                            |  |
|----------------------------|--|
| <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>              | ≥ 95% as determined by SDS-PAGE.   |
| <b>Sequence</b>            | AAEEDDEEFTNITDIKPPLQKPTHSEFCAMKVDDGPCRAYIKRFFFNILTHQCEEFI<br>YGGCEGNENRFESLEECKEKCARDYPKMTTKLTFQKKGKPDFCFLEEDPGICR<br>GYITRYFYNNQSKQCERFKYGGCLGNLNNFESLEECKNTCENPTSDFQVDDH<br>RTQLNTVNNTLINQPTKAPRRWAFHGPSWCLPPADRGLCQANEIRFFYNAIIG<br>KCRPFKYSGCGGNENNFTSKKACITACKKGFIPKSIKGGLIKTKRKKKKQPVKIT<br>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<br>Alternative name(s): Extrinsic pathway inhibitor Short name= EPI<br>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.

**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.