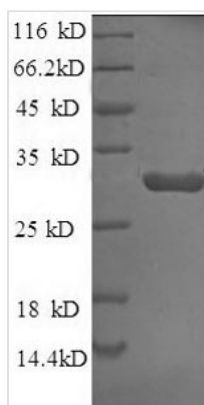




# Recombinant Rabbit Tissue factor pathway inhibitor (TFPI)

|                          |                                                                                                                                                                                                                                                                                                          |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>      | CSB-YP023437RB                                                                                                                                                                                                                                                                                           |
| <b>Relevance</b>         | Inhibits factor X (X(a)) directly and, in a Xa-dependent way, inhibits VIIa/tissue factor activity, presumably by forming a quaternary Xa/LACI/VIIa/TF complex. It possesses an antithrombotic action and also the ability to associate with lipoproteins in plasma.                                     |
| <b>Abbreviation</b>      | Recombinant Rabbit TFPI protein                                                                                                                                                                                                                                                                          |
| <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>Alias</b>             | Extrinsic pathway inhibitor ;EPI;Lipoprotein-associated coagulation inhibitor ;LACI                                                                                                                                                                                                                      |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                      |
| <b>Immunogen Species</b> | Oryctolagus cuniculus (Rabbit)                                                                                                                                                                                                                                                                           |
| <b>Purity</b>            | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                              |
| <b>Sequence</b>          | AAEEDDEFTNITDIKPPLQKPTHSFCAMKVDDGPCRAYIKRFFFNILTHQCEEFI<br>YGGCEGNENRFESLEECKEKCARDYPKMTTKLTFQKGKPDFCFLEEDPGICR<br>GYITRYFYNNQSKQCERFKYGGCLGNLNNFESLEECKNTCENPTSDFQVDDH<br>RTQLNTVNNTLINQPTKAPRRWAFHGPSWCLPPADRGLCQANEIRFFYNAIG<br>KCRPFKYSGCGGNENNFTSKKACITACKKGFIPKSIKGGLIKTRKRRKKKQPVKIT<br>YVETFVKKT |
| <b>Research Area</b>     | Others                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>            | Yeast                                                                                                                                                                                                                                                                                                    |
| <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 Lipoprotein-associated coagulation inhibitor Short name= LACI                                                                                                     |
| <b>Expression Region</b> | 25-300a                                                                                                                                                                                                                                                                                                  |
| <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 6xHis-tagged                                                                                                                                                                                                                                                                                  |
| <b>Mol. Weight</b>       | 33.8kDa                                                                                                                                                                                                                                                                                                  |
| <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.

### 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.