

For Research Use Only

# TFPI Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00812-4

## Capture Antibody Information

**Catalog Number:**  
83838-6-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240977D2  
**Reactivity:**  
human

**Conjugate:**  
Unconjugated  
**Full name:**  
tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor)  
**Gene ID:**  
7035

## Detection Antibody Information

**Catalog Number:**  
83838-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240977D6  
**Reactivity:**  
human  
**GenBank:**  
NM\_006287.6

**Conjugate:**  
Unconjugated  
**Full name:**  
tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor)  
**Gene ID:**  
7035

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
0.625-40 ng/mL (Sandwich ELISA)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP00812-4 targets TFPI in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.  
Capture antibody: TFPI Recombinant antibody, PBS Only (Capture) 83838-6-PBS (240977D2). 100 µg. Concentration 1 mg/ml.  
Detection antibody: TFPI Recombinant antibody, PBS Only (Detector) 83838-3-PBS (240977D6). 100 µg. Concentration 1 mg/ml.  
Alternative TFPI matched antibody pairs: MP00812-1, MP00812-2, MP00812-3  
Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply. Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.  
Antibody use should be optimized for each application and assay.

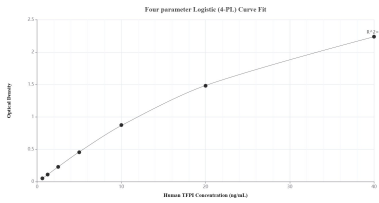
## Storage

**Storage:**  
Store at -80°C.  
**Storage buffer:**  
PBS only

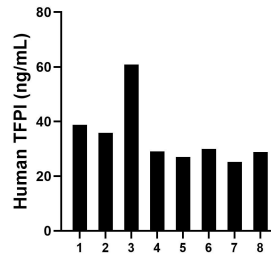
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Sandwich ELISA standard curve of MP00812-4, Human TFPI Recombinant Matched Antibody Pair - PBS only. 83838-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0855. 83838-3-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL



Serum of eight individual healthy human donors was measured. The TFPI concentration of detected samples was determined to be 34.48 ng/mL with a range of 25.29 - 60.89 ng/mL.