

# Human TFPI Recombinant Protein



RPPB4937

---

## Product Information    Protein Information

**Product SKU:**

RPPB4937

**Accession:**

P10646

**Host:**

Escherichia Coli.

**Protein description:**

TFPI Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 299 amino acids (29-304) and having a molecular mass of 34.3kDa. TFPI is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

Tissue Factor Pathway Inhibitor (Lipoprotein-Associated Coagulation Inhibitor), Extrinsic Pathway Inhibitor, Tissue Factor Pathway Inhibitor, anti-convertin, TFPI1, EPI, LACI, TFI.

**Formulation:**

The TFPI solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

**Purity:**

Greater than 85.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SSSLVPRGSH MGS DSEED E E HTIITDTELP PLKLMHSFCA FKADDGPCKA IMKRFFFNIF  
TRQCEEFIYG GCEGNQNRFE SLEECKMCT RDNANRIKT TLQEQPDFC FLEEDPGICR GYITRYFYNN  
QTKQCERFKY GGCLGNMNNF ETLEECKNIC EDGPNGFQVD NYGTQLNAVN NSLTPQSTKV PSLFEFHGPS  
WCLTPADRGL CRANENRFYY NSVIGKCRPF KYSGCGNEN NFTSKQECLR ACKKGFQRI SKGGLIKTR  
KRKKQRVKIA YEEIFVKNM.