

Tissue Factor Pathway Inhibitor Human Recombinant

Item Number	rAP-4953
Synonyms	Tissue Factor Pathway Inhibitor (Lipoprotein-Associated Coagulation Inhibitor), Extrinsic Pathway Inhibitor, Tissue Factor Pathway Inhibitor, anti-convertin, TFPI1, EPI, LACI, TFI.
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.
Uniprot Accesion Number	P10646
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSDSEEDEE HTIITDTELP PLKLMHSFCA FKADDGPCKA IMKRFFF-NIF TRQCEEFIYG GCEGNQNRF E SLEECKKMCT RDNANRIIKT TLQQEKPDFC FLEEDPGICR-GYITRYFYNN QTKQCERFKY GGCLGNMNNF ETLEECKNIC EDGPNGFQVD NYGTQLNAVN NSLT-PQSTKV PSLFEFHGPS WCLTPADRGL CRANENRFYY NSVIGKCRPF KYSGCGGNEN NFTSKQECLR ACKKGFIQRI SKGGLIKTKR KRKKQDRVKIA YEEIFVKNM.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The TFPI solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**