

Tissue Factor Pathway Inhibitor 2 Human Recombinant

Item Number	rAP-4955
Synonyms	Tissue Factor Pathway Inhibitor 2, Placental Protein 5, TFPI-2, PP5, Retinal Pigment Epithelium Cell Factor 1, REF1, TFPI2.
Description	TFPI2 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 199 amino acids (23-213 a.a.) and having a molecular mass of 22.9kDa (Migrates at 18-40kDa on SDS-PAGE under reducing conditions).TFPI2 is expressed with an 8 amino acid His tag at C-Terminus
Uniprot Accesion Number	P48307
Amino Acid Sequence	DAAQEPTGNN AEICLLPLDY GPCRALLLRY YYDRYTQSCR QFLYGGCEGN ANNFYTWEAC DDACWRIEKV PKVCRLQVSV DDQCEGSTEK YFFNLSSMTC EKFFSGGCHR NRIENRFPDE ATCMGFCAPK KIPSFCYSPK DEGLCSANVT RYYFNPRYRT CDAFTYTGCG GNDNNFVSRE DCK- RACAKAL KLEHHHHHHH.
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile filtered colorless 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	TFPI2 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 95.0% 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 ender users! This product is sold for **Research Use Only**