

TFPI2, 23-213aa, Human, His tag, Baculovirus

Cat.NO.: TP04186

3th Edition

Synonyms:Tissue factor pathway inhibitor 2 isoform 1, TFPI2, PP5, REF1, TFPI-2

Description:TFPI2, as known as tissue factor pathway inhibitor 2 isoform 1, is a kunitz-type serine proteinase inhibitor, which is produced and secreted into endothelial cell matrix (ECM) by endothelial cells, smooth muscle cells, fibroblasts, keratinocytes, and urothelium. Also, this protein has been shown to inhibit ECM proteases essential for angiogenesis and metastasis. Recombinant human TFPI2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:22.9kDa (199aa); 18-40kDa (SDS-PAGE under reducing conditions)

Sequences:

DAAQEPTGNNAEICLLPLDYGPCRALLLRYYYYDRYTQSCRQFLYGGCEGNANNFYTWACDDACWRIEKVPKVCRLQVSVDDQCEGSTKEYFFNLSSMTCEKFFSFGGCHRNRIENRFPDEATCMGFCAKIPKIPFCYSPKDEGLCSANVT RYYFNPRYRTCDAFTYTGCGGNDNNFVSREDCKRACAKALKLEHHHHHH

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.