Product Name: Recombinant Human TFPI-2 (C-6His)
Catalog #: PHH1619

Summary

Name	TFPI-2/Tissue factor pathway inhibitor 2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Tissue Factor Pathway Inhibitor 2 is produced by our Mammalian expression system and the target gene encoding Asp23-Lys213 is expressed with a 6His tag at the C-terminus.
Accession #	P48307
Host	Human Cells
Species	Human
Predicted Molecular Mass	22.88 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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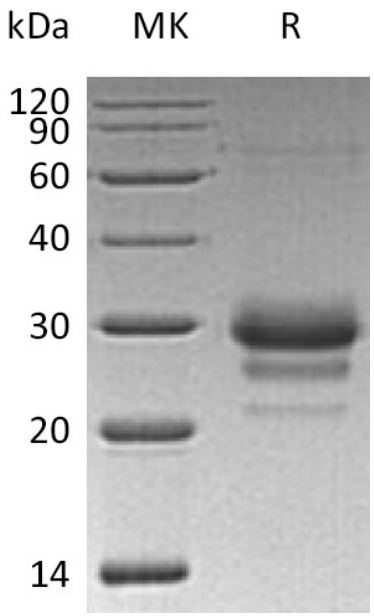

Alternative Names

Tissue Factor Pathway Inhibitor 2; TFPI-2; Placental Protein 5; PP5; TFPI2

Background

Human Tissue Factor Pathway Inhibitor 2 (TFPI2) has a N-terminal acidic region, three Kunita domains separated with by two linker regions, and a C-terminal basic region. TFPI2 has the function of regulating plasmin-mediated matrix remodeling, inhibits trypsin, plasmin, factor Vlla/tissue factor and weakly factor Xa.. TFPI2 has no effect on thrombin. TFPI2 may contribute to tumor progression in many cancers; in these cancers, the expression of TFPI2 can be down-regulated.

Note

For Research Use Only , Not for Diagnostic Use.