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32-7355: Recombinant Human Tissue Factor Pathway Inhibitor 2/TFPI-2/PP5/REF-1 (C-6His)

Gene : TFPI2
Gene ID : 7980
Uniprot ID : P48307

Description

Source: Human Cells.
MW :22.88kD.
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. 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.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	DAAQEPTGNNAEICLLPLDYGPCRALLLRYYYDRYTQSCRQFLYGGCEGNANNFYTWEACDDACWRIEKVPKV CRLQVSVDDQCEGSTEKYFFNLSSMTCEKFFSGGCHRNRIENRFPDEATCMGFCAPKKIPSFCYSPKDEGLCSA NVTRYYFNPRYRTCDAFTYTGCGGNDNNFVSREDCKRACAKALKVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.