

Recombinant Human TFPI2 Protein (His Tag)

Catalog Number:PKSH033117



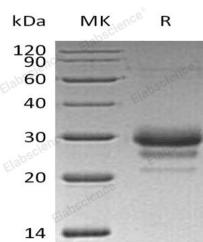
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms	Tissue Factor Pathway Inhibitor 2;TFPI-2;Placental Protein 5;PP5;TFPI2
Species	Human
Expression Host	HEK293 Cells
Sequence	Asp23-Lys213
Accession	P48307
Calculated Molecular Weight	22.9 kDa
Observed molecular weight	18-33 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μ m filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Reconstitution	Please refer to the specific buffer information in the printed man
Data	Please refer to the printed manual for detailed information.



> 95 % as determined by reducing SDS-PAGE.

Background

Human Tissue Factor Pathway Inhibitor 2 (TFPI2) has a N-terminal acidic region, three Kunitz 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 VIIa/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.

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