

Active Recombinant Human TFPI protein, His-Avi-tagged, Low Endotoxin

Cat. No. TFPI-646H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TFPI protein(P10646-1)(29-282 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	29-282 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Measured by its ability to inhibit trypsin cleavage of a fluorogenic peptide substrate, the IC50 value is < 0.75 nM.
Molecular Mass	The protein has a predicted MW of 32.1 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

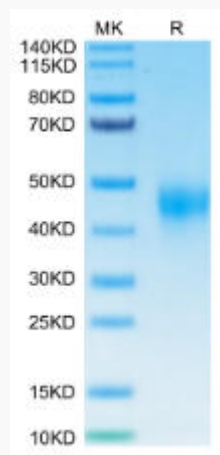
Gene Name	TFPI tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor) [Homo sapiens]
Official Symbol	TFPI
Synonyms	TFPI; tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor); LACI; tissue factor pathway inhibitor; EPI; extrinsic pathway inhibitor; TFI; TFPI1; anti-convertin;
Gene ID	7035
mRNA Refseq	NM_001032281
Protein Refseq	NP_001027452
MIM	152310
UniProt ID	P10646

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Bis-Tris PAGE



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