

Product datasheet for **SC200861**

TFPI (NM_001032281) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TFPI (NM_001032281) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TFPI
Synonyms:	EPI; LACI; TFI; TFPI1
ACCN:	NM_001032281
Insert Size:	128 bp
Insert Sequence:	>SC200861 3'UTR clone of NM_001032281 The sequence shown below is from the reference sequence of NM_001032281. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GGATTGGATAGCATTTTCATGCCTATGTAAATTTGTGCTTTTGGCATTTCCTTAATATTTATATGTAT ACGTGATGCCTTTGATAGCATACTGCTAATAAAGTTTTAATATTTACATGCATAGTAAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG Restriction Sites: Sgfl-MluI OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs). Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials. RefSeq: <u>NM_001032281.4</u>



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Summary:

This gene encodes a Kunitz-type serine protease inhibitor that regulates the tissue factor (TF)-dependent pathway of blood coagulation. The coagulation process initiates with the formation of a factor VIIa-TF complex, which proteolytically activates additional proteases (factors IX and X) and ultimately leads to the formation of a fibrin clot. The product of this gene inhibits the activated factor X and VIIa-TF proteases in an autoregulatory loop. Inhibition of the encoded protein restores hemostasis in animal models of hemophilia. This gene encodes multiple protein isoforms that differ in their inhibitory activity, specificity and cellular localization. [provided by RefSeq, Jul 2016]

Locus ID:

7035

MW:

4.9