

Product datasheet for **SC321050**

TFPI2 (NM_006528) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TFPI2 (NM_006528) Human Untagged Clone
Tag: Tag Free
Symbol: TFPI2
Synonyms: PP5; REF1; TFPI-2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_006528.2
 AGAAAGCCGCGCACCTCCTCCCAGGCGCTTCTCGGACGCTTGCCAGCGGGCCG
 CCGACCCCTGCACCATGGACCCCGCTCGCCCCCTGGGGCTGTCGATTCTGCTGCTTTTC
 CTGACGGAGGCTGCACTGGGCGATGCTGCTCAGGAGCCAACAGGAAATAACGCGGAGATC
 TGTCTCCTGCCCTAGACTACGGACCCTGCCGGGCCCTACTTCTCCGTTACTACTACGAC
 AGGTACACGCAGAGCTGCCGCCAGTTTCTGTACGGGGGCTGCGAGGGCAACGCCAACAAT
 TTCTACACCTGGGAGGCTTGGCAGCATGCTTGCTGGAGGATAGAAAAAGTTCCCAAAGTT
 TGCCGGCTGCAAGTGAGTGTGGACGACCAGTGTGAGGGGTCCACAGAAAAGTATTTCTTT
 AATCTAAGTTCCATGACATGTGAAAAATCTTTCCGGTGGGTGTACCCGGAACCGGATT
 GAGAACAGGTTTCCAGATGAAGCTACTTGTATGGGCTTCTGCGCACCAAGAAAATCCA
 TCATTTTGTACAGTCCAAAAGATGAGGGACTGTGCTCTGCCAATGTGACTCGCTATTAT
 TTTAATCCAAGATACAGAACCTGTGATGCTTTCACCTATACTGGCTGTGGAGGGAATGAC
 AATAACTTTGTTAGCAGGGAGGATTGCAAACGTGCATGTGCAAAAAGCTTTGAAAAAGAAA
 AAGAAGATGCCAAAGCTTCGCTTTGCCAGTAGAATCCGGAAAAATTCGGAAGAAGCAATTT
 TAAACATCTTAATATGTCATCTTGTGTCTTTATGGCTTATTTGCCTTTATGTTGTA
 TCTGAAGAATAATATGACAGCATGAGGAAACAAATCATTGGTGATTTATCCAGGTTTT
 TATTAATACAAGTCACTTTTTCAAAAATTTGGATTTTTTATATATACTAGCTGCTATT
 CAAATGTGAGTCTACCATTTTTAATTTATGGTTCAACTGTTTGTGAGACTGAATTCCTTGC
 AATGCATAAGATATAAAGCAAATATGACTCACTCATTTCTTGGGGTCGATTCCTGATT
 TCAGAAGAGGATCATAACTGAAACAACATAAGACAATATAATCATGTGCTTTTAAACATAT
 TTGAGAATAAAAAGGACTAGCAAATAAAACACAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAA

Restriction Sites: Please inquire
ACCN: NM_006528



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_006528.2 , NP_006519.1
RefSeq Size:	1203 bp
RefSeq ORF:	708 bp
Locus ID:	7980
UniProt ID:	P48307
Cytogenetics:	7q21.3
Domains:	KU
Protein Families:	Secreted Protein
Gene Summary:	<p>This gene encodes a member of the Kunitz-type serine proteinase inhibitor family. The protein can inhibit a variety of serine proteases including factor VIIa/tissue factor, factor Xa, plasmin, trypsin, chymotrypsin and plasma kallikrein. This gene has been identified as a tumor suppressor gene in several types of cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>