

Product datasheet for **MC209522**

Tfpi (NM_011576) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tfpi (NM_011576) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tfpi
Synonyms: A630013F22Rik; AW552122; EPI; LACI
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC209522 representing NM_011576
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACTTACAAAATGAAGAAAGAATATGCCTTTTGGGCCACTGTGTGTCTGTTGCTTAGCCTTGTTCCCG
AGTTTCTTAATGCTCTGTCTGAGGAAGCTGATGACACAGATTCTGAGCTGGGTCAATGAAACCGCTACA
TACATTTTGTGCAATGAAGGCAGATGATGGTCCATGCAAAGCAATGATAAGGAGTATTTTTTCAATATG
TATACTCATCAATGTGAAGAATTTATATACGGGGGATGTGAAGGGAACGAGAACCGATTTGATACCTGG
AAGAGTGAAGAAAACATGCATACCAGTTATGAGAAGACAGCTGTGAAGGCAGCATCTGGAGCAGAAAAG
GCCAGATTTCTGCTTCTTGAAGAGGACCTGGACTCTGCCGAGGTTACATGAAGAGGTATCTTTATAAC
AACCAGACAAAGCAGTGTGAACGATTCTGTACGGTGGCTGCCTGGGCAACCGCAACAACCTTTGAAACTT
TGGATGAGTGCAAGAAGATCTGTGAGAATCCAGTCCACTCCCCTCCCAAGTGAATGAGGTACAGATGAG
TGACTACGTAAGTGAAGAAACTGTAAGTATCGCAGTACTGTAATAACATCGTGGTTCACCACTCT
CCCAAAGTGCCAGGCGTCGGGATTATCGTGGCCGTCCTGGTGTCTTCAACCAGCAGACAGTGGATTAT
GTAAGCCAGTGAGAGAAGATTCTACTACAATTCAGCCACTGGGAAATGCCACCGATTTAACTACTACTGG
ATGTGGGGGAAATAATAAATTTTACTACCAGAAGGAGATGTCTGAGATCATGTAAAACAGGTCTCATC
AAAAACAAGTCAAAGGAGTAGTTAAGATTCAGAGAAGAAAGGCCCCCTTCGTGAAAGTTGATATGAAA
GCATTAAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3041_e05.zip

Restriction Sites: Sgfl-Mlul



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ACCN:	NM_011576
Insert Size:	921 bp
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).
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:	<u>NM_011576.1</u> , <u>NP_035706.1</u>
RefSeq Size:	1492 bp
RefSeq ORF:	921 bp
Locus ID:	21788
UniProt ID:	<u>O54819</u>
Cytogenetics:	2 D
Gene Summary:	<p>Inhibits factor X (X(a)) directly and, in a Xa-dependent way, inhibits VIIa/tissue factor activity, presumably by forming a quaternary Xa/LACI/VIIa/TF complex. It possesses an antithrombotic action and also the ability to associate with lipoproteins in plasma (By similarity). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (a). Variants 1, 4, and 5 all encode the same isoform (a).</p>