

Product datasheet for **MC209521**

Tfpi (NM_001177319) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tfpi (NM_001177319) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tfpi
Synonyms: A630013F22Rik; AW552122; EPI; LACI
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209521 representing NM_001177319
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACTTACAAAATGAAGAAAGAATATGCCTTTGGGCCACTGTGTGTCTGTTGCTTAGCCTTGTTCCCG
AGTTTCTTAATGCTCTGTCTGAGGAAGCTGATGACACAGATTCTGAGCTGGGTCAATGAAACCGCTACA
TACATTTTGTGCAATGAAGGCAGATGATGGTCCATGCAAAGCAATGATAAGGAGTTATTTTTTCAATATG
TATACTCATCAATGTGAAGAATTTATATACGGGGGATGTGAAGGGAACGAGAACCGATTTGATACCTGG
AAGAGTGAAGAAAACATGCATACCAGGTTATGAGAAGACAGCTGTGAAGGCAGCATCTGGAGCAGAAAAG
GCCAGATTTCTGCTTCTTGAAGAGGACCCTGGACTCTGCCGAGGTTACATGAAGAGGTATCTTTATAAC
AACCAGACAAAGCAGTGTGAACGATTCTGTGAGAACTCCAGTCCACTCCCCTCCCAAGTGAATGAGGTACAGATGAG
TGACTACGTAAGTGAAGAAACTGTAAGTACTGATCGCAGTACTGTAATAACATCGTGGTTCCCCAGTCT
CCCAAAGTGCCAGGCGTCGGGCTGCCTGGTACTGTATCACCTTTATGATATTTGAAAAAATCATCT
TTGGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001177319
Insert Size: 708 bp



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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).
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_001177319.1</u> , <u>NP_001170790.1</u>
RefSeq Size:	3027 bp
RefSeq ORF:	708 bp
Locus ID:	21788
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 (2) differs in the 5' UTR, 3' UTR, and 3' coding sequence compared to variant 1. The resulting isoform (b) has a shorter and distinct C-terminus compared to isoform a. Variants 2 and 3 both encode isoform b. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>