

Product datasheet for **RN216156**

Tfpi (NM_001177321) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tfpi (NM_001177321) Rat Untagged Clone
Tag: Tag Free
Symbol: Tfpi
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216156 representing NM_001177321
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACTAACAACTGAAGAAAGACCACGCCTTCTGGGCGGCTGTGTGTCTGCTGCTTAGCATTGTTCTCG
AGCTTCTTAATGCTCTGCCGAGGAAGACGATGATACAATAAACACAGATTCGAGCTGCGGCAATGAA
ACCGTTGCATACATTCTGTGCAATGAAGCGGAAGACGGCCCTGCAAAGCAATGATACGGAGTTATTAT
TTCAATATGAACAGTCACCAAGTGTGAAGAATTTATATACGGGGATGCAGAGGAAACAAGAACCATTG
ATACTCTGGAAGAGTGTAGGAAAACATGCATACCAGTTATAAAAAGACAACATAAAAGACAACATCTGG
AGCAGAAAAGCCAGATTTCTGCTTCTTGGGAGGATCCTGGAATCTGCCGAGGTTTCATGACCAGGTAT
TTTTATAACAACAGTCAAAGCAGTGTGAACAATCAAGTACGGCGGTTGCCTGGCAACAGCAACAAC
TTGAGACCTTGGAGGAGTGCAGGAACACCTGTGAGGATCCAGTGAATGAGGTACAGAAGGGTGACTACGT
AACTAATCAAATTAAGTAACTGATCGCACTACTGTAATAACGTGGTATTCTCAGGCTACCAAAGCG
CCCAGCCAATGGGTTACAAAAGAAGAAACAATGGTGGTTGGAAGAATGCTGATTGACTTACCAAGGCT
CTCTGAGTTCCTTACATTCATGTTCTCGGGTTTTTTGTCTTTAGGATTGGA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001177321
Insert Size: 756 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001177321.1, NP_001170792.1</u>
RefSeq Size:	3454 bp
RefSeq ORF:	756 bp
Locus ID:	29436
Cytogenetics:	3q24
Gene Summary:	acts as a factor Xa-dependent protease inhibitor for the factor VIIa-tissue factor complex; regulates tissue factor mediated blood coagulation [RGD, Feb 2006] Transcript Variant: This variant (2) differs in the 5' UTR, 3' UTR, and 3' coding sequence compared to variant 1. The resulting isoform (2) has a shorter and distinct C-terminus compared to isoform 1.