

## Product datasheet for **RR214689**

### Tfpi (NM\_017200) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tfpi (NM_017200) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tfpi
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR214689 representing NM_017200 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACTAACAACTGAAGAAAGACCACGCCTTCTGGGCGGCTGTGTGTCTGCTGCTTAGCATTGTTCTCG  
AGCTTCTTAATGCTCTGCCCGAGGAAGACGATGATACAATAAACACAGATTCGAGCTCGGCCAATGAA  
ACCGTTGCATACATTCTGTGCAATGAAGCGGAAGACGGCCCTGCAAAGCAATGATACGGAGTTATTAT  
TTCAATATGAACAGTCACCAAGTGTGAAGAATTTATATACGGGGATGCAGAGGAAACAAGAACCATTG  
ATACTCTGGAAGAGTGTAGGAAAACATGCATACCAGTTATAAAAAGACAACATAAAAGACAACATCTGG  
AGCAGAAAAGCCAGATTTCTGCTTCTTGGAGAGGATCCTGGAATCTGCCGAGGTTTCATGACCAGGTAT  
TTTTATAACAACCAGTCAAAGCAGTGTGAACAATCAAGTACGGCGGTTGCCTGGCAACAGCAACAAC  
TTGAGACCTTGGAGGAGTGCAGGAACACCTGTGAGGATCCAGTGAATGAGGTACAGAAGGGTGACTACGT  
AACTAATCAAATTAAGTAACTGATCGCACTACTGTAATAACGTGGTGATTCTCAGGCTACCAAAGCC  
CCCAGCCAATGGGACTATGATGGCCCTTCATGGTGTCTTGAACCAGCAGACAGTGGATTATGTAAGCCA  
GTGAGAAAAGATTCTACTACAACCAGCCATTGGGAAATGCCGTCAATTTAACTACTGGATGTGGGGG  
AAATAATAATAATTTACTACCAAACAAGATTGTAATAGAGCATGTAAAAAGATTCTCCTCAAAAAAAGC  
TCAAAAAGAGCAAAGACCCAAAGAAGAAGGAAAGTCTTTCGTGAAAGTCATGTACGAAAATATTCAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR214689 representing NM\_017200  
 Red=Cloning site Green=Tags(s)

MTNKLKDHAFWAAVCLLLSIVPELLNALPEEDDDTINTDSELRPMKPLHTFCAMKAEDGPCKAMIRSYY  
 FNMNSHQEEFIYGGCRGNKRNFDLLEECRKTICIPGYKTTIKTTSGAEKPDFCFLEEDPGICRGMTRY  
 FYNNQSKQCEQFKYGGCLGNSNNFETLEECRNTCEDPVNEVQKGDYVTNQITVTDRTTVNNVVIPQATKA  
 PSQWDYDGP SWCLEPADSGLCKASEKRFYYNPAIGKCRQFNYTGCGGNNNNFTTKQDCNRACKKDSKKS  
 SKRAKTQRRRKSFKVVMYENIH

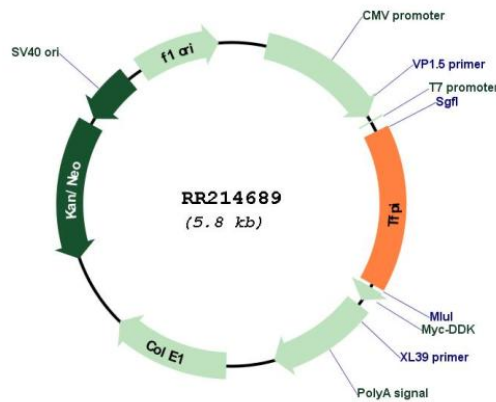
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_017200

<b>ORF Size:</b>	906 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_017200.1</a> , <a href="#">NP_058896.1</a>
<b>RefSeq Size:</b>	1226 bp
<b>RefSeq ORF:</b>	909 bp
<b>Locus ID:</b>	29436
<b>UniProt ID:</b>	<a href="#">Q02445</a>
<b>Cytogenetics:</b>	3q24
<b>MW:</b>	34.6 kDa
<b>Gene Summary:</b>	acts as a factor Xa-dependent protease inhibitor for the factor VIIa-tissue factor complex; regulates tissue factor mediated blood coagulation [RGD, Feb 2006]