

Product datasheet for RR216156

Tfpi (NM_001177321) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tfpi (NM_001177321) 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: >RR216156 representing NM_001177321
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACTAACAACTGAAGAAAGACCACGCCTTCTGGGCGGCTGTGTGTCTGCTGCTTAGCATTGTTCTCG
AGCTTCTTAATGCTCTGCCGAGGAAGACGATGATACAATAAACACAGATTCGAGCTGCGGCCAATGAA
ACCGTTGCATACATTCTGTGCAATGAAGCGGAAGACGGCCCTGCAAAGCAATGATACGGAGTTATTAT
TTCAATATGAACAGTCACCAAGTGAAGAATTTATATACGGGGGATGCAGAGGAAACAAGAACCGATTG
ATACTCTGGAAGAGTGTAGGAAAACATGCATACCAGTTATAAAAAGACAACATATAAAGACAACATCTGG
AGCAGAAAAGCCAGATTTCTGCTTCTTGGAGAGGATCCTGGAATCTGCCGAGGTTTCATGACCAGGTAT
TTTTATAACAACAGTCAAAGCAGTGTGAACAATTCAAGTACGGCGGTTGCCGGAACAGCAACAACAT
TTGAGACCTTGGAGGAGTGCAGGAACACCTGTGAGGATCCAGTGAATGAGGTACAGAAGGGTGACTACGT
AACTAATCAAATTAAGTAACTGATCGCACTACTGTAATAACGTGGTATTCTCAGGCTACCAAAGCG
CCCAGCCAATGGGTTACAAAAGAAGAAACAATGGTGGTGAAGAATGCTGATTGACTTACCAAGGCT
CTCTGAGTTCCTTCTACATTCATGTTCTCGGGTTTTTTGTCTTTAGGATTGGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR216156 representing NM_001177321
Red=Cloning site Green=Tags(s)

MTNKLKDHAFWAAVCLLLSIVPELLNALPEEDDDTINTDSELRPMKPLHTFCAMKAEDGPCKAMIRSY
FNMNSHQCEEFYGGCRGNKNRFDLLEECRKTIPGYKTTIKTTSGAEKPDFCFLEEDPGICRGMTRY
FYNNQSKQCEQFKYGGCLGNSNMFETLEECRNTCEDPVNEVQKGDYVTNQITVTDRTTVNNVVIPQATKA
PSQWVTKEETNGGWKNADCTYQGSLSFYIHLVGFVFRIG

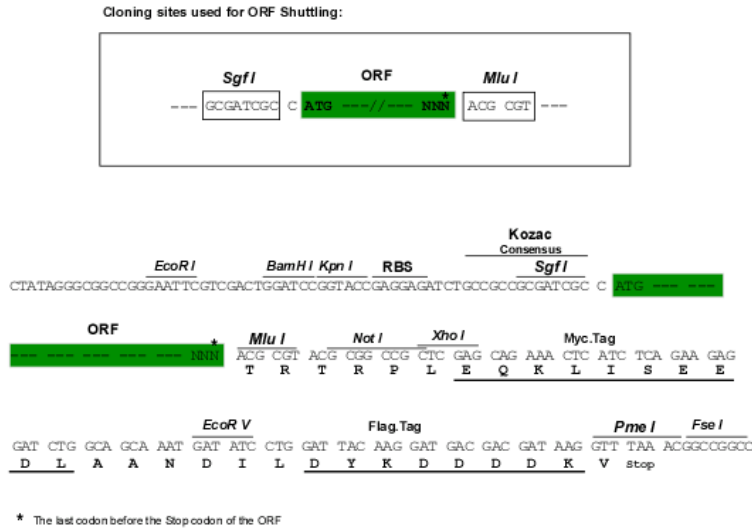
TRTRPLEQKLISEEDLAANDILDYKDDDDKV



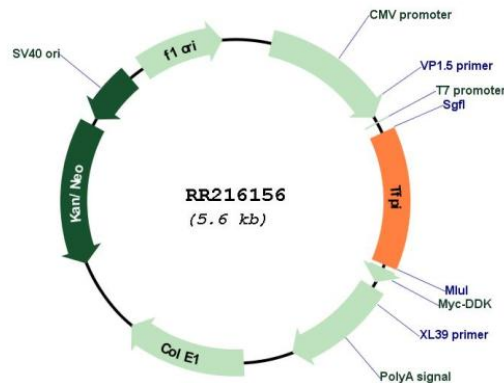
[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001177321

ORF Size: 753 bp

OTI Disclaimer: 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. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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
MW:	28.6 kDa
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]