

Product datasheet for **MG202782**

Tfpi2 (NM_009364) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tfpi2 (NM_009364) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Tfpi2
Synonyms: AV000670; PP5/TFPI-2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG202782 representing NM_009364
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACCCTGCTATGCCCTGCAACTGTGGAATTTGCCGCTGCTCCTGGTGGGCTCCGTTCTTGGTCTCA
CTTCAGTGTCTGCCCAAGGGAATAATTTAGAGATCTGCCTCTTGGCCTTGGACGCAGGACCTTGTCAAGC
CCTCATCCCCAAGTTCTACTATGACAGAGACCAGCAAAGTGCCGCAGATTCAACTATGGAGGCTGCTTG
GGCAATGCCAACAATTTCCACAGTCGGGACCTCTGCCAACAGACTTGCAGGAGTATCGAGAAAGTTCCTC
CAGTTTGTGATCAGAGCTAAAAACATATCCATGTGATAAGCCCAATATACGGTTTTTCTTCAACCTGAA
TACCATGACATGTGAGCCCTTAGGCCTGGTCTGTGTAGCAGGACTATAAATGTATTCTCTGAGGAAGCT
ACATGTAAGGGCTTGTGTGAACCACGGAACATATTCCATCATTTTGTCCAGTCCAAAGGATGAAGGTC
TGTGTTCTGCCAATGTGACACGCTTTTATTTAATTCAAGAAACAAAACATGTGAGACTTTCACCTATAC
TGGCTGTGGTGGGAATGAGAATAACTTTTATTACCTGGATGCTTGCCACCGTGCCTGCGTTAAAGGCTGG
AAGAAGCCCAAGAGATGGAAGATAGGTGACTTCTGCCAGATTTTGAAGCATCTTTCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG202782 representing NM_009364
 Red=Cloning site Green=Tags(s)

MDPAMPLQLWNLPLLLVGSVLGLTSVSAQGNLEICLLPLDAGPCQALIPKFYYDRDQQKCRRFNYGGCL
 GNANNFHSRDLCQQTCGSIKVPVCRSELKTYPCDKPNIRFFNLNTMTCEPLRPGLCSRTINVFSEEA
 TCKGLCEPRKHIPSFCCSSPKDEGLCSANVTRFYFNRSRNTCETFTYTGCCGNENNFYYLDACHRACVKGW
 KKPKRWKIGDFLPRFWKHL S

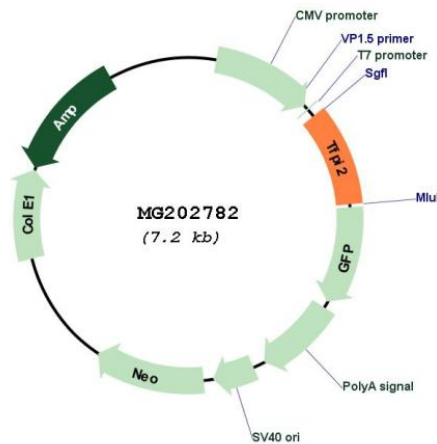
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_009364

ORF Size: 690 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:	NM_009364.4
RefSeq Size:	1557 bp
RefSeq ORF:	693 bp
Locus ID:	21789
UniProt ID:	Q35536
Cytogenetics:	6 1.81 cM
Gene Summary:	May play a role in the regulation of plasmin-mediated matrix remodeling. Inhibits trypsin, plasmin, factor VIIa/tissue factor and weakly factor Xa. Has no effect on thrombin (By similarity).[UniProtKB/Swiss-Prot Function]