

Product datasheet for **RN215500**

Tmtc4 (NM_001134414) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmtc4 (NM_001134414) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmtc4
Synonyms:	RGD1560183
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN215500 representing NM_001134414

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCTGAAGTGGATGCTGACTTGGATCACATCATCCATCCGTCCTTCCCCCTTCTGGGCTAAGTTAG
TAGTGGGATTTGTTCCCTTCTGTGTTTGAAGGAGCTATGATGGAGATTTGTCTTTGATGACTCTGA
AGCTATTGTTAAACAATAAGGACCTCCAATCAGACACACCCCTTGCAGGACCTGTGGCATCATGACTTCTGG
GGCAGTAGACTGAGCAGTAACACCAGCCACAAGTCTACAGGCCACTTACTGTCTGACTTTTCAGGGTTA
ACTACTACCTGTCTGGAGGCTTTACCCCGTGGGTTTCCACGTGGTCAACATCCTCTGCACGGCGGCAT
CTCCATCCTCATGCTAGATGTCTTCTCGGTACTGTTTGGTGGCTGCAGTACAGCAGTAAGGCCGAGG
GTTACCTGGCCCCAGGGCTTCCCTGTGGCGGCAATTGCTGTTTGTGTCCATCCAGTCCACACCGAGT
GTGTTGCTGGTGTGTTGGCCGTGCAGACCTCCTGTGTGCCCTGTTCTTCTGTTGTCTTCTTGGCTA
CTGTGAGCATTTAAAGAAACAGGTAACAAGGAGGGAACACACTCTTCCACCTTCTGGGTATTGCTGAGT
ATCTTTCTGGGAGCAGTGGCCATGCTGTGCAAGAGCAAGGAGTACCCGTGCTGGGCTTGAATGCTGTGT
TCGATATCCTGGTGATAGGCAGACTCGACATTCTGGTAGCTGTCCGAAAGTCTGCGTAAGGACAAGTC
ACTAGAGAGCACCGGCATGCTCAAGATGGAGGCTCCTCTTCCGAATGGCCCTGCTCACCATTGGAGGC
TCCACTATGCTTTATACGCTGGAAAATCATGGGAACAGGCCACCGGCATTTACTGAGGTGGACAACC
CAGCATCCTTGTGACAGTGTGTTGGTTAGGGCCATAAACTATAATTACTACTATTGATGCTGCTG
GCTGCTGTGTGCTCCCTGGTGGCTGTGTTTATTGGTCAATGGGCTGCATCCCCCTCATTAAAGTCAGTT
GGTGACTGGAGGGTAATTGCTCTAGCAGCACTTGGCTCTGCCTAATTGGCCTAATTCCAAGCCCTGT
GCTCTGAGGATAGCTGCAAGAGAAGAATCCTCACTCTGGGTTTGGGATTTCTCGTGATCCCCCTTTCTTCC
TGCAAGCAACTTGTGTTTCCGAGTGGGCTTTGTGGTGCAGAGCGTGTCTCTACCTCCCAAGCGCTGGG
TACTGCATGCTGTGACCTTTGGATTTGGAACCTAAGCAGACACACTAAGAAAAAGAAACCGGTGCGCCG
CCATCATCCTGGGCATCCTTCTCATCAATGCACTGAGATGTGTGATTGCGAGTGGCGAGTGGCGGAGTGA
AGACCGGCTCTTTCGAAGCGCCCTGTCTGTGTGCTCCCTCAATGCTAAGGTTCACTACAACATTGGCAAA
AACCTGGCTGATCAAGGCAACCAACAGCAGCCATCAAAATTACCGGGAAGCAGTCAGACTAAATCCCA
AGTATGTTTCATGCCATGAATAACCTTGGGAATATCTTAAAGGAAAGGAATGAGTCCAGGAAGCTGAAGA
GCTGCTGTGCTGCTGCTCAAAATACAGCCAGACTTTCAGCCGATGGATGAATTTGGGCATGTTTCAG
AACAGCCTGAAACGGTTTGGAGGCGAGAGCAAGCTACCGCACAGCAATTAAGCACAGGCGGAAATACC
CAGACTGCTACTACAACCTCGGGCGGCTGTATGCAGATCTAAATCGCCACGTGGATGCATTGAATGCTTG
GAGAAATGCCACCGTAATGAAGCCGGAGCACAGCTGGCATGGAATAACATGGTCATACTTCTGGACAAC
ACAGGTAACCTAGCCCAAGCTGAAGCCGTGGGAAGAGAGGCACTGCAGTTAATTCCTAATGATCACTCCC
TTATGTTCTCATTGGCAACGCTGCTGGGAAATCCCAGAAATACAAGGAGTCTGAAGCTTTATTCCTCAA
GGCAATTAAGCAAAATCCAAATGTTGCAAGTTACCATGGTAATTTGGCTGTGCTTTATCATCGCTGGGGA
CATCTCGACTCGGCCAAGAAACACTATGAGATCTCCTTGACGCTTGACCTGTGGCAGTAGGCACCAAGG
AGAATTACAGTCTCCTGAGAAGAAAGCTAGAACAATGCAGAAGAAAGATGTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001134414

Insert Size:

2226 bp

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:	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_001134414.2, NP_001127886.1</u>
RefSeq Size:	2586 bp
RefSeq ORF:	2226 bp
Locus ID:	290501
Cytogenetics:	15q25