

Product datasheet for **RN217215**

Tbc1d10b (NM_001108921) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbc1d10b (NM_001108921) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tbc1d10b
Synonyms:	RGD1309191
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN217215 representing NM_001108921

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

 ATGGAGACGGGCCCGGCCCTTGTGGCCCCGCCGCGCGTACGGCGCCTCCGCTGCCCTTCGCCTC
 CGCCCCGGGGTTCCCGGGCCGGTCTAGTGGTGGCACCAGGACCGCCAGTACTACGGCCACTTC
 GGCCCCCGTGCACCTGGTGGTCCCCGGGAGGCTCGGCCCGCTGGGTCCAGGATCGTTACAGACCTCG
 GCCTCGACACCCACGACGCTACAGGCAGCAGGTAGAGCTAACCTGGAGGCCTACCCGAAGCCGCGA
 AGACGCAAGAGTTCCCCGCACGCGGCAGAGGCAGGAGCCGAGACGTCCGTGGCCTTGGTTTGGGGAC
 AGACACTCCAAGACGGAAGAGGCTCGAGCCTCGCCTGTCCAGGACCAGGACCCCACTCGGACCCCT
 TCCAGAACGGCGTCTGGAGCCCTGACTGCCAAACCCCGCTTCCCCCAAGCCGGAACACAGTGGCTT
 CAGGAGTGAAGTGCACGGGTGGAGCAGGCAGGTGGCAGGTGGACATGGAGCTGTACATCAGCATCAGC
 AGGGCCGCTGCCTGAGGACCCCTCAGGGCTGTACAGGCCCTCCGGGACGTGCGAGGCTTCGGCTCCG
 GTGGCTAGGGTGACAGTACCCAGCTCCGGAGACTACTGAAAATTTCAAGACCTGGGTTCACACGTCCA
 GTCTAGGACCTGGCATCTCTGGGCTCGAGGCGAGGCCCGGACACCTGAGTACTTGGACTCCGTGAG
 CCTCATGTCTGGGACCTTGGAGTCTTGACGGATGATGTGAGTCCGTGGGTTACAGACTCGGAGATAAT
 GGGCTGGCCCTGCGCAAGACGGACAAGTATGGTTTCTTGGGGCAGCCAGTACTCAGGCAGCCTAGAGA
 GCTCTATTCTGTGGATGTGGCTCGGCAGCGGGAGCTCAAGTGGCTGGAGATGTTCACTAAGTGGGATAA
 GTGGCTGTACGGCGTTTCCAGAAGGTAAGCTACGTTGCCGAAAGGAATCCCTCCTCTCTCAGAGCC
 AAGGCTTGGCAGTACCTGTCTAATAGCAAGGAACCTCTGGAGCAGAACCCGGGCAAGTTTGGAGAGCTGG
 AACGGGCTCCTGGGACCCCAAGTGGCTGGATGTGATTGAAAAAGACCTGCACCGCCAGTTCCCTTTCCA
 TGAGATGTTTGTGCTCGAGGAGGGCATGGGCAACAGGACCTGTACCGAATCCTGAAGGCTATACCATC
 TACAGGCTGACGAGGGCTACTGTACGGCCAGGCCCGAGTGGCTGCTGTGTGCTCATGCATGCCTG
 CTGAGCAAGCGTTTTGGTGCCTGGTACAGATCTGCGACAAGTACCTCCAGGTTACTACAGTGCAGGGCT
 GGAGGCCATTAGTTGGATGGAGAAATTTTTTGTGACTCCTGCGCCGGGCTTCTCCGCTGGCACATCGT
 CACCTTCGGCGTCAGCGCATTGACCCAGTACTCTACATGACAGAGTGGTTCATGTGCATCTTTCGCCGA
 CCCTCCCTGGGCTTCAGTGTGCTGTCTGGGACATGTTTTCTGTGAAGGCGTTAAGATCATCTCCG
 AGTGGCTCTGGTCTTACTGCGACACACACTGGGCTCTGTGAAAAGCTGCGCTCATGTCAAGGCATGTAT
 GAAACCATGGAGCAGTTCGGAACCTGCCACAGCAGTGTATGCAGGAGGACTTCCTAGTGCATGAGGTAA
 CCACCCTCCCTGTGACAGAAGCATTGATTGAGCGGGAGAATGCAGCCCACTGAAGAAAGTGGCGAGAAAC
 TAGGGGAGAGCTGCAGTATCGGCCCTCCAGGCGACTACATGGCTCCCGAGCCATCCATGAGGAACGAGG
 CGGCAGCAGCCACCCCTGGGTCCTTCTTACGCTCCTCAGCCTCCCTAGTCTCAAGAGCAGAGGGTCCC
 GGGCAGTTGGAGGGGCTCCTTCCCCACCACCTCCTGTCCGAGGGCTAGTGTGGCCTGTCCCTGGGGC
 TGTCGTCAATTGCTGAGGACTGCATCCATCCCTTCCTTACCTACTGGCAACAGCACCCCACTAGGCACC
 AGCAAGGAGATCAGGCGACAGGAGAAAGAGCGGCAGAAACAGGAGAAAGAGCGAGAGAAGGAGCGGCAGA
 GACAGGAGAAGGAGCGGGAAGCAAGAGAAGGAGCGGCAGAAAGTGGGAGAAAGAGCAAGAGAAGGAACA
 GCAGAAGCAGGAAAAGGAACGGCAGAAGCTGGAGAAGAAGGGCCAAGGCCGGAACCTTTCCTTGCCTCGA
 AAGGCAGATGGGCCCCAGCACCCAGGATGGTGGGACAGGTCAGCAGTGAAGCCCGGAGGATGCTT
 ACTTT**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001108921

Insert Size:

2388 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).
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:	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_001108921.1, NP_001102391.1</u>
RefSeq Size:	3728 bp
RefSeq ORF:	2388 bp
Locus ID:	365372
Cytogenetics:	1q37