

Product datasheet for **RN201188**

Tbc1d2b (NM_001108175) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbc1d2b (NM_001108175) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tbc1d2b
Synonyms:	RGD1307436
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201188 representing NM_001108175
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACTTACTGGCTACAGGAGCTTCAGCAGAAAAGATGGGAATACTGCAACAGCCTTGACATGGTCAAGT
 GGGACAGCAGGAGCTCCCAACGCCAGGGGACTTCCCAAGGGCCTCGTGGCCCGAGATAACACAGATAT
 AATTTCCAGCACCCAAATCCTTCTGCAGAAAAAGCCAGAACTGTGCTCGCCGTGGAAGCTGCCCTGGA
 GAGCTGGTGGGGACCGGGCTGCTCATCATCCAGCCCCGGGCACCCGAATTCATTAACTTTACTCTC
 TGAAGCAGTGGGAAATGAGATCAAAAATCAATGTCGTCATTCCGTCTGGGAGAGGGCACAGTGAAG
 TCGCAGGACTGTGTTTTACACCAATGAAGAGTGGGAATCTAGACCCGCCTCCTAAGGACTGGAGGAG
 TCCCTCGCACAGGAAGACAGGAAAAGCCAGTGCCTGAGGGGAGTAAAGGAGTCACTAGTTCAGGATTCC
 CCTTTGAGTTGGACGGAATCCTTACAAGGAAAGCGCCCTTGAAGACATAATTGGGTCATACAAAA
 CCGCCACAGCAGTAGTGACCCTTTGATCGAGGGAACATCATCAGGCAGCAGTGGGGTCTCGCTAAGCCA
 GTCCTGAAATGCAGCTGCAGATTCAAAGCCAGCAGGAGGAGCTGGAGCAACTCAAGAAGGACCTATCCA
 GTCAGAAGGAGCTCGTTCAACTGCTCCAACAGACGGTCCGATCCTCACAATATGACAAGTATTTATGAG
 CCACCAGATCAGCCAGGGGGTCCCAAGGGACACACTGGAGCTCCTCCACAAAAGGACGAGCAGATCTTG
 GGCCTCAGCGCCAGCTGGAGCGGTTCCGCCTGGAGAAGGAAAGTCTCCAGCAGGAAGTGAAGACTCTGA
 AGAGCAAGGTGGGAGAGCTCAATGAGCGGCTGGGGATGCTAATGGAGACCATCCAGGCCAAGGACGAGGT
 CATCATCAAGCTCAGCGAATGTGAGGGCAGCGTGTCTTCGCCACCATGGGACCCAGCTCCTTTGGCC
 ACCCCAGCCAGCCGGGACCAGCTGGAGCTGGACAGGCTAAAAGACAGTCTACAAGGTACAAAAGCCAAA
 ATAAATTTCTAAACAAGGAAATTTTGAAGTCTCAGCTCTACGAAGAAATGCAGAAAGGAGAGAGGGGA
 TCTGATGGCGAAGTACTCTAGCCTGGAAGCCAAGCTCTGCCAGGTTGAAAGTAAATACTTGATACTGCTC
 CAAGAAATGAAGACACAGTTTGTCTCAGAAGAACAGGGCCTGCCAGGGATGTCATAGCCAGTTGTTGG
 AGGACGCTCTGCAGGTTGAGAGCCAAGAGCAGCCAGAGCAAGCGTTTGTCAAGCCTCATCTGGTCAAGTGA
 GTTCGATATCTACGGTTTAGGACTGTCCCTGACGATGATGAGGAAGAGAAATGGTCCGAAGTCCGA
 GCATTGGACCTGAAGACTCTGTACCTCACAGAAAACCAGGAAGTTTCCACTGGGGTCAAGTGGGAAA
 ACTATTTTGAAGCACAATGAACAGGGAGATGGTGTGCTCTCCTGAGCTGAAAAACCTGATCCGAGCAGGCAT
 TCCCCATGAGCACCGCTCAAGGTGTGGAAGTGGTGTGTTGACCGTACACCAGGAAGTTCAAGGACAGC
 ATGGAGCCAGGCTACTTCCAGGCCTTACTCCAGAAGGCTCTAGAGAAACAGAACCCGGCCTCCAAGCAGA
 TTGAGCTGGACCTGCTTCCGACTCTGCCAATAACAAACATTACTCCAGCCACAGTCCAGAGGCATACA
 GAAGCTTCGCAATGTCCTGCTTGCCTTCTCATGGAGGAATCCGGATATTGGCTACTGCCAAGGCCTAAAC
 AGGTTGGTGGCAGTGGCGCTCCTTTACCTGGAACAAGAGGATGCTTTCTGGTGTCTCGTTACCATTGTGG
 AAGTCTTCATGCCTCGAGACTATTACACAAAGACTCTATTAGGATCCCAGGTGGACCAGCGGGTGTTCAG
 AGACCTCTGAGTGAGAAGTGCCTCGACTGCACACCCATTTTGGAGCAGTACAAAGTGGACTACACCCTC
 ATCACCTCAACTGGTTTCTGGTGGTATTCGTGGACAGCGTTGTCAGCGACATCCTCTTTAAGATATGGG
 ACTCTTTCTTTATGAGGGACCAAAGGTTATTTCCGTTTTGCCCTGGCACTTTTTAAATACAAGGAAGA
 GGAGATCCTGAAGCTGCAGGATTCGATGTCCATTTTCAAGTATCTCCGATACTTCACTCGCACTATCCTT
 GATGCCAGGAAGCTGACCAGCATCTCCTTTGGGGATCTGAACCCCTTCCCCTGCCAGATCCGGAACC
 GGAGAGCCTACCCTGGAGAAGGTCCGCTGGAGCTGACAGAGCTGGAGGCCATTCCAGAGGACTTCTCT
 CGTGAGCGGGACACTAGCCCTGACAAAGGCGAGCTGGTTAGCGATGAGGAGGAAGACACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001108175
Insert Size: 2514 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:	<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_001108175.1</u> , <u>NP_001101645.1</u>
RefSeq Size:	5706 bp
RefSeq ORF:	2514 bp
Locus ID:	315880
Cytogenetics:	8q31