

## Product datasheet for **RN209457**

### **Tbc1d5 (NM\_001134762) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tbc1d5 (NM_001134762) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tbc1d5
Synonyms:	RGD1561626
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN209457 representing NM\_001134762  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTATAAGTCTGTGTCTGAAACTAGACATCCTCTGCAGTCAGAAGAACAAGAAGTAGGCATTGACCCCT  
 TGTTCAAGTTATTCAAACAAGCCAAGAGGAGATTCTGTCAAATGGAAGAGGAGCAAATTCACACTTAGA  
 CTGCGACGGGACTTTTCAGTTCATATATGAGAGAGTGGGACGACCTCTTTGTAAATAACAACACTTGGCA  
 GCAGTGAGGCAGAAGGGGATTAATGGGCAGCTGAGAAGCAGCAGGTTCCGCAGCATTGTTGGAAGCTCT  
 TTCTTTGTGTTCTTCTCAAGATAAAAGTCAATGGATCAGTAGAATTAAGAAGTAAAGATCTGGTATAG  
 CAATATTAAGAAATACATATCACTAATCCAAGGAAAGTGTGGCCAACAGGATCTGATGATAAACAAT  
 CCCCTCTACAAGATGAAGGAAGCTTTTGAATAAGTTCTTTCAAGATAAAGAGCTGCGGTCATGATTG  
 AGCAAGATGTGAGAAGACGTTTCTGAAATGCAGTTTTTCCAACAAGAAAATGTGAGAAAAATTTTAC  
 AGATGTTCTGTTCTGCTATGCTAGAGAAAACGAGCAGTTGCTTTATAAACAGGGCATGCATGAGCTGCTA  
 GCGCCATCATCTTACCCTTCACTGTGACCACCAAGCTTTTCTACACGCCAGTGAAGTCTGCACAGCCCA  
 GTGAGGAAATGAAAACCTCTTGAACCTGAGTATCTGGAGCATGATGCCTATGCAATGTTCTCACAGCT  
 TATGAAAAGTGTGAACCTTGGTTTTCCACTTTTGGAGCATGATGGTCAAAGGGAAAAGAACTCTGATG  
 CCCCCATTCCCTTGTCTGACACAGGATTTAGGACCAACAGTTGCCATTGTTACAAAAGTCAACCAGA  
 TCCAGGATCATCTACTGAAGAAGCATGATACTGAGCTCTACATGCACTTGAACAGACTAGAAAATCCACC  
 ACAATATATGGGTTACGGTGGGTGCGGCTGCTGTTCCGCAGAGAGTTCCCTCTACAGGACCTGCTGGTG  
 GTCTGGGATGCCCTGTTTGGCGGACGCCCTCCACCTGAGTCTAGTTGACTATGTCTTACAGGCCATGCTGC  
 TCTACATCCGAGACGCTGATTTCTAGTAATCATCAGACCTGTCTCGGCTTTTGTGATGATTTCCACT  
 CATCGGGGACATACACTCACTGATACTGAAGGCCCTGTTCTTAGAGACCCAAAGAGAAAACCCAGGCCA  
 GTGACTTACCAGTTCCACCCCAATTTAGACTACTACAAAGCACGGGGAGCTGACCTTATGAACAAAAGCC  
 GGACCAATGCCAGAGGTGCTCCTCTGAATATACACAAGGTCTCCAACAGCTTGATTAACCTTTGGAAGAAA  
 GTTGATTGCCCGGCTCAGCTCCAGGCAGTATGGGTGGCCCTGTGCTGGGAGCAACAGCAGCAGCTCT  
 TTCTCTGCTGCCGTCCCCTTCCAGGACCTCCGCAGAAGCCCGAGGCATCATTCTCAGCAGCAGCGGCAGC  
 AGC  
 AAGCATGCCGGTACAGTTGAACAAAGGGCAAAGTCCGAAAACCATCAGTTTCTCCGAGTATGGAGAGT  
 TTGCCCGGGGAAGAGAACCCCTGGCTCCCGCCTTCTGCTACCAAAGGGATTCTTTTTTCAGCC  
 ACATCGCCCGCTCCCGCTCACACAGCAAAGCCATGGGCAGAAAAGAAATCTGAAGAAGAATTAGAAGCCCA  
 GATTTCTTCTACAAGGTGAGCTGAATGACCTGGATGCCATGTGCAAGTATTGCGCAAAGGTGATGGAC  
 ATGCATCTTGAAATATTCAAGATGTGGTATTACAAGAGAATTTGGAAAAAGAAGATCAAATTTCTGGTGT  
 CCTTGGCAGGATTAACAACAGATCAAAGACATTTCTGAAAGGTTCCCTGCGCTTCAACCAGAGCCAGCTGGA  
 GGCTGAAGAGAACGAACAGATTACCATCGCTGATGACCACTACTGCTCCAGTGGCCAGGACCAGGGCACC  
 CAAGGCCCTAGGGCCGCAAGCAGGCCTTTCAGAGATGCCAGGGTGCACAGGTGGAGCGACCTCAGACG  
 ACTTCAATCTGGTTTCTAAAGAAGATGAGGGGCGCCGTGCGAAGGAGGCCCTTCTCAGGCCAGGCCAGCC  
 CCTGCTCACCCCTCAGAAACACGTCTGGGAAAAGTTCGAGTCCCAACCTGCTCCCCACTGGTGTCTCAGAC  
 CCACTGATGGGCCAGCCTCAGCCTCCTCCAGCAACCCTAGCTCCAGCCAGATGATGACAGCAGCAAGG  
 ACTCTGGCTTACCATCGTGAGCCCTTGACATCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001134762  
**Insert Size:** 2418 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001134762.1</a></u> , <u><a href="#">NP_001128234.1</a></u>
<b>RefSeq Size:</b>	4043 bp
<b>RefSeq ORF:</b>	2418 bp
<b>Locus ID:</b>	501088
<b>Cytogenetics:</b>	9q11