

## Product datasheet for MC229528

### Tbc1d9b (NM\_001290760) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tbc1d9b (NM_001290760) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tbc1d9b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC229528 representing NM_001290760 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGGATCGCC

ATGTGGCTCGGGCCGAGGAGGTGCTGGTGGCTAACGCGCTATGGGTGACGGAGCGGGCCAAACCCCTTCT  
TCGTGCTGCAGCGGCCCGAGGCCACGGCAAGGGCGGAGGCCCTCACGGGTCTTCTGTGGCACCCTGGA  
TGTGGTGTGGACTCCAGCGCCGTGTGGCCCTTACCGCATCCTGCACCAGACCCAGGACTCGCAGGTC  
TACTGGATAGTGGCATGTGGTTCTCCCGAAAAGAGATACCAAACACTGGGAATGGCTGGAAAACAAC  
TGCTTCAGACACTGTCCATCTTCGACAACGAGGAGGACATCACTACCTTCGTCAAGGGCAAGATAACGG  
CATCATCGCAGAAGAAACAAGAACCTGCAGCCCCAGGGGACGAGGACCCAGGAAATCAAGGAGGCA  
GAGCTAAAGATGCGGAAGCAGTTCGGCATGCCAGAGGGCGAGAAGCTGGTCAACTACTACTCCTGTAAC  
TCTGGAAGGGCCGCTGCCGCGCCAGGGCTGGCTCTACCTGACCGTCAACCACCTGTGCTTCTACTCCT  
CCTGCTGGGAAGGAAGTGAACCTGGTGGTACAGTGGTGGACGTCACACGCTGGAGAAGAATGCCACT  
TACTCTCCCGAGAGCATCCGTGTGGACACACGGGACCAGGAGCTGTTTTTCTCCATGTTCTCTAAACA  
TTGGCGAGACCTCAAGCTTATGGAGCAGCTGGCCAACCTGGCCATGCGACAACCTGGACAGCGAGGG  
CTTCTGGAGGACAAGGCCCTACCCAGGCTATCCGGCCACATAAGAACATCTCAGCTCTAAGCGAGAC  
CTAGATGCCCGAGCCAAGAATGAGTGCTACAGGGCCACGTTCCGGCTACCCAAAGACGAGCGGCTGGATG  
GCCACACAGGCTGCACCCATGGACGCCATTTAAACAAGCTACATATCCCGGCCAGATGTTTCATCTCCAA  
TAACTACATCTGCTTTGCCAGCAAGGAGGAAGATGCGTGGCCGCTCATCATACCCCTGAGGGAGGTGACC  
ATTGTTGAAAAGCCGACAGCTCCAGCGTCTCCCGAGCCCTCTGTCTATCAGCACCAAGAGTAAAATGA  
CCTTCTGTTTGGCAACCTGAAAGACCGTGACTTCTGGTTCAGAGGATCTGACTTCTCCAGAAAAC  
GCCGTCGAAGCAGACGGGACGAGCATTGGGGAAACAAAGGCCAGTGTTCAGACCCAGCCCCAGAGTCT  
TCCCAACTCCACAGGAGCTTCTGAGCCACCCGCAAGCCATCCTCTCCCTCAGCAGCCCTCCGAGTT  
TCAGTACCCAGGAGATTCTACTACTTCCAGGGCTGCTCAAAGTCTTCCAGAAGAATCACCCTGGA  
GGACCTTGGCGCAAAGGGGCAAGGAGAAGATGAAGGAGGAATCCTGGAACATCCACTTCTTTGAGTAC  
GGGCGTGGCATGTGCATGTACCGAACAGCCAAAACCCGGGAGCTGGTCTGAAAGGCATCCCTGAGAGCC  
TCCGAGGGGAGCTTTGGCTCCTTCTCTGGGCTGGAATGAGATGGTACCCATCCCGCTACTACGC  
TGAGCTAGTGGAGAAGTCCCTGGGAAGTACAGCTTGGCTACCGAGGAGATAGAGCGGGACCTCCATCGC



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TCCATGCCCCGAGCACCTGCTTTCCAGAATGAGCTCGGGATCGCTGCGCTCCGGCGGGTGTGACTGCCT
ACGCCTTCCGAAACCCTACTATTGGCTACTGCCAGGCAATGAACATCGTGACTTCCGTGCTCCTGTCTA
CGGCAGTGAGGAGGAAGCCTTCTGGCTGCTGGTGGCCCTGTGTGAGCGCATGCTGCCGACTACTACAAC
ACCAGGGTAGTGGGAGCCCTCGTAGACCAGGGCATCTTTGAAGAGCTCACGAGAGATGCTCTGCCCGGC
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CAGCGTCATGCCCTTTGAGAGCGCCGTGGTCATTGTGCGACTGCTTCTTACGAGGGCATCAAGGTGATC
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CATGTTCCGACTCCTGGATCAAAAACAAGGACTCACTGATCAACTCAAGGAGTTTGTGACAGGGATGAGT
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TCCCAGAGGAAGCCGAGTCAGCCCTGGAGGCCGCCATTACTTACAGAGGATAGCTCCTCGGAAGCATC
TCCTCTGGCCTCAGATCTGGATCTTTCTGCCCTGGGAGGCTCAAGCACTGCTACAGGAGCAGCAGGAA
GGAAGTGGAAATGAGGACACCCAGAAAGAAGAGAGGAGAAGGGGACCAGCCCTCCTGACTACCGACT
ACCTTCGAATGTGGGCTAAGGAAAAAGAGGCTCAGAAGGAAACCATTAAAGACCTTCCCAAGATGAACCA
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TATCATGCCATCGCCACTGTGGCCAGCCTTCTCCTCCGATTGGTGGGAGGTTGGGAAGAAGTTTTCGGCC
TGACAACCAAGAAGCCAGGGATGGTGGCCACAGTGGGGATCCCAACAGTCCACAGAAGAGGATGAACC
ACCCACACCCAACTCCATCAGGACCCAAACACAGGAATGTCAGCCACCAGCTGCAGGGGACCGGCAGGCC
AAAGCCAGTGGCGACATGCATCTCGGAAAGCATTGCAGGATAGTCATGTGATAGTGGAGGGAGGCAGCG
GTGAGGGGAGGGCTCTCCTTCCCTGCTTTGTCTGATGATGAAACCAAGATGACATGTCCATGTCCCTC
TTACTCAGTAGTCAGCACGGGCTCACTGCACTGCGAGGACCTCACGGAAGACACGGTGTGGTGGGAGGA
GGAGCCTGCAGCCCCACCGCCACCTCACGGGCGGGGGGCACTGTGGACACAGACTGGTGCATTTCTTTCG
AGCAGATCCTGGCCTCCATCCTAACAGAGTCTGTGCTAGTGAACCTTTTGAAGAAGGGTAGACATTGG
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GTCTTGGGCTGA
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_001290760
- Insert Size:** 3792 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:** [NM\\_001290760.1](#), [NP\\_001277689.1](#)

**RefSeq Size:** 5271 bp

**RefSeq ORF:** 3792 bp

**Locus ID:** 76795

**UniProt ID:** [Q5SVR0](#)

**Cytogenetics:** 11 B1.3

**Gene Summary:** May act as a GTPase-activating protein for Rab family protein(s).[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).