

Product datasheet for MC229527

Tbc1d9b (NM_001290759) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbc1d9b (NM_001290759) 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:	>MC229527 representing NM_001290759 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGTGGCTCGGGCCGAGGAGTGTGGTGGCTAACGCGCTATGGGTGACGGAGCGGGCCAACCCCTTCT
TCGTGCTGCAGCGGCCGAGGCCACGGCAAGGGCGGAGGCCCTCACGGGTCTTGTGGCACCCTGGA
TGTGGTGTGGACTCCAGCGCCGTGTGGCCCTTACCGCATCCTGCACCAGACCCAGGACTCGCAGGTC
TACTGGATAGTGGCATGTGGTTCTCCCGAAAAGAGATACCAAACACTGGGAATGGCTGGAAAACAAC
TGCTTCAGACACTGTCCATCTTCGACAACGAGGAGGACATCACTACCTTCGTCAAGGGCAAGATAACGG
CATCATCGCAGAAGAAACAAGAACCTGCAGCCCCAGGGGACGAGGACCCAGGAAATCAAGGAGGCA
GAGCTAAAGATGCGGAAGCAGTTCGGCATGCCAGAGGGCGAGAAGCTGGTCAACTACTACTCCTGTAAC
TCTGGAAGGGCCGCTGCCGCGCCAGGGCTGGCTCTACCTGACCGTCAACCACCTGTGCTTCTACTCCT
CCTGCTGGGAAGGAAGTGAACCTGGTGGTACAGTGGGTGGACGTCACACGCTGGAGAAGAATGCCACT
TACTCTCCCGAGAGCATCCGTGTGGACACACGGGACCAGGAGCTGTTTTTCTCCATGTTCTCTAAACA
TTGGCGAGACCTCAAGCTTATGGAGCAGCTGGCCAACCTGGCCATGCGACAACCTGGACAGCGAGGG
CTTCTGGAGGACAAGGCCCTACCCAGGCTATCCGGCCACATAAGAACATCTCAGCTCTAAGCGAGAC
CTAGATGCCCGAGCCAAGAATGAGTGTACAGGGCCACGTTCCGGCTACCCAAAGACGAGCGGCTGGATG
GCCACACAGGCTGCACCCTATGGACGCCATTTAAACAAGCTACATATCCCGGCCAGATGTTTCATCTCAA
TAACTACATCTGCTTTGCCAGCAAGGAGGAAGATGCGTGGCCGCTCATCATACCCCTGAGGGAGGTGACC
ATTGTTGAAAAAGCCGACAGCTCCAGCGTCTCCCGAGCCCTCTGTCTATCAGCACCAAGAGTAAAAATGA
CCTTCTGTTTGGCAACCTGAAAGACCGTGACTTCTGGTTCAGAGGATCTGACTTCTCCAGAAAAC
GCCGTCGAAGCAGACGGGACGAGCATTGGGGAAACAAAGGCCAGTGTTCAGACCCAGCCCCAGAGTCT
TCCCAACTCCACAGGAGCTTCTGAGCCACCCGCAAGCCATCCTCTCCCTCAGCAGCCCTCCGAGTT
TCAGTACCCAGGAGATTCTACTACTTCCAGGGCTGCTCAAAGTCTTCCAGAAGAATCACCCATGGA
GGACCTTGGCGCAAAGGGGCAAGGAGAAGATGAAGGAGGAATCCTGGAACATCCACTTCTTTGAGTAC
GGGCGTGGCATGTGCATGTACCGAACAGCCAAAACCCGGGAGCTGGTCTGAAAGGCATCCCTGAGAGCC
TCCGAGGGGAGCTTTGGCTCCTTCTCTGGGCTGGAATGAGATGGTGACCCATCCCGCTACTACGC
TGAGCTAGTGGAGAAGTCCCTGGGAAGTACAGCTTGGCTACCGAGGAGATAGAGCGGGACCTCCATCGC



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TCCATGCCCGAGCACCTGCTTTCCAGAATGAGCTCGGGATCGCTGCGCTCCGGCGGGTGTGACTGCCT
 ACGCCTCCGAAACCCTACTATTGGCTACTGCCAGGCAATGAACATCGTGACTTCCTGTGCTCCTGTCTA
 CGGCAGTGAGGAGGAAGCCTTCTGGCTGCTGGTGGCCCTGTGTGAGCGCATGCTGCCCGACTACTACAAC
 ACCAGGGTAGTGGGAGCCCTCGTAGACCAGGGCATCTTTGAAGAGCTCACGAGAGATGCTCTGCCCGGC
 TCTCAGAGAAGATGCAAGAGCTGGGGTGATCTCCAGCATCTCGTGTCTGGTTCTGACCCTCTTCT
 CAGCGTCATGCCCTTTGAGAGCGCCGTGGTTCATTGTGACTGCTTCTTCTACGAGGGCATCAAGGTGATC
 TGCAGGTGGCCCTGGCTGTGCTGGAGCCAACGTGGAGCAGCTGCTGGACTGCAATGACGAGGGCGAGG
 CCATGACCGTGCTGGGCAGGTACCTGGACAATGTGGTCAACAAGCAGAGCATTTCTCCACCTATCCACA
 CCTCCACGCTCTGCTGACCAGTGGAGATGACCCTCCTGTGGAGGTGGACATCTTTGACCTCCTGAGAGTA
 TCCTACGAGAAGTTCAGCAACCTGAGGGCTGACGACATTGAACAGATGCGGTTTAAACAGAGGCTGAAGG
 TGATCCAGTCTTGAAGACACGGCTAAGAGAAGCGTCCGAGCCATACCAGGGGACATCGGCTTCTCCAT
 TGAAGAGCTGGAGGATCTTTACATGGTGTAAAGGCAAGCATCTGGCAAGCCAGTACTGGGGTGGTAAAC
 CGCTCAGCAGCCGTCACCGAGACCCAGCCTGCCCTACCTGGAGCAGTACCGGATCGATGCCAGCCAGT
 TTCGGGAGCTCTTGCCAGCCTGACGCCTTGGGCCTGTGGCTCTCACACGCCTGTGTTGGCAGGCCGAT
 GTTCCGACTCCTGGATCAAAACAAGGACTCACTGATCAACTTCAAGGAGTTTGTGACAGGGATGAGTGGG
 ATGTACCATGGAGACCTCACTGAGAAGCTCAAGGCGCTTACAAACTGCACCTGCCCCAGCTCTGATCC
 CAGAGGAAGCCGAGTCAAGCCTGGAGGGCGCCATTACTTACAGAGGATAGCTCCTCGGAAGCATCTCC
 TCTGGCCTCAGATCTGGATCTTTTCTGCCCTGGGAGGCTCAAGCACTGTACAGGAGCAGCAGGAAGGA
 AGTGGAATGAGGACACCCAGAAAGAAGAGAGGAGAAGGGGACCCAGCCCTCCTGACTACCGACACTACC
 TTCGAATGTGGGCTAAGGAAAAAGAGGCTCAGAAGGAAACCATTAAGGACCTTCCCAAGATGAACCAGGA
 GCAATTCATCGAGCTGTGTAACAACATTTACAACATGTTAGCGAAGACCCTATGGAACAGGACTTGTAT
 CATGCCATCGCCACTGTGGCCAGCCTTCTCCTCCGATTGGTGGAGTGGGGAAGAAGTTTTCGGCCCTGA
 CAACCAAGAAGCCAGGGATGGTGCCACAGTGGGGATCCCAACAGTGCCACAGAAGAGGATGAACCACC
 CACACCCAAACTCCATCAGGACCCAACACAGGAATGTCAGCCACCAGCTGCAGGGGACCGCAGGCCAAA
 GCCAGTGGCGACATGCATCTCGGAAAGCATTGCAGGATAGTCATGTGATAGTGGAGGGAGGCAGCGGTG
 AGGGGCAGGGCTCTCCTTCCCTGCTTTTGTCTGATGATGAAACCAAGATGACATGTCCATGTCTCTTA
 CTCAGTAGTCAGCACGGGCTCACTGCAGTGCAGGACCTCACGGAAGACACGGTGTGGTGGGAGGAGGA
 GCCTGCAGCCCCACGCCACCTCACGGGCGGGGGCACTGTGGACACAGACTGGTGCATTTCTTCGAGC
 AGATCCTGGCCTCCATCCTAACAGAGTCTGTGCTAGTGAACTTCTTTGAGAAGAGGGTAGACATTGGACT
 CAAGATCAAGGACAAAAGAAAGTAGAAAGGCAGTTTAGCACCTCCAGTGACCATGAGCCCCCTGGGTC
 TTGGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001290759
- Insert Size:** 3789 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_001290759.1](#), [NP_001277688.1](#)

RefSeq Size: 5268 bp

RefSeq ORF: 3789 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 (2) uses an alternate in-frame splice site in the central coding region, compared to variant 1. The encoded isoform (2) is shorter, compared to isoform 1.