

## Product datasheet for **MC223096**

### Tbc1d9 (BC057027) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tbc1d9 (BC057027) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tbc1d9  
**Synonyms:** 4933431N12Rik; AI847101; AW490653; C76116  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >BC057027  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAAGGATTTGAACAGGACCGGTCCCTGCCTAACTCAAGAAGAAATCTCCAAAAAAGTATCTGCTC  
TGAACCGTGATCTGGATGCCAGAGCGAAGAGCGAGCGATACCGCGCCCTTTCCGGCTGCCAAAGACGA  
AAAGCTAGACGGGCACACTGACTGCACCCTCTGGACTCCATTTAAACAAGATGCACATTTTGGGTGAGATG  
TTCGCTCCACTAATTACATCTGTTTTACCAGCAAGGAGGAAAACCTCTGCAGCCTCATAATCCACTCC  
GGGAAGTAACCATCGTGGAGAAGGCCGACAGCTGCAGTGTGCTCCCCAGCCCTGTCCATCAGCACCAG  
GAACAGGATGACCTTCTGTTCCGGAACCTTGAAGACAGAGACTTTCTGGTGCAGAGGATCTCAGATTTT  
TTGAGCAAAACGACTTCTAGGATCTACTCAGACAAAGAGTTTTTCAGGAAGCTGCAACAGCTCAGATGATG  
AGGTGATTCTCGGCCAGCAGCCTCGTTTTCTCCAGTCCCAGAGAAGCACAAGCTCGGATGCTGATGG  
AGAACGCCCTTTAACCTCAATGGCAACAGTGTCCCTACAGCCACCCAGACCCTCATGACCATGTACCGG  
CGGCGATCTCCTGAAGAATTCAACCCAAAATTGGCCAAAGAGTTTTTGAAGAACAAGCCTGGAAGATTC  
ACTTTGCTGAGTATGGGCAGGGAATCTGCATGTACCGCACAGAGAAGACCCGGGAGCTGGTGTGATGAG  
CATCCCAGAGAGCATGCGCGGAGAGCTCTGGCTGCTGTTTTAGGGGCCATCAATGAAAAGGCCACACAC  
CCCGGGTACTACGAGGGCCTCGTGGAGAAGTCGATGGGAAAGTACAATCTGGCCACCGAGGAGATTGAGA  
GAGACTTACACCGCTCCCTTCCAGAACACCCAGCTTTCCAGAACGAAATGGGCATCGCGGCTCTGAGGAG  
AGTCTTAACGGCTTATGCTTTTCGCAATCCCAACATAGGATACTGCCAGGCCATGAACATTGCACTTCA  
GTGCTACTGCTGATGCCAAAGAGGAGGAGGCCTTCTGGCTGCTGTGGCCTTGTGTGAGCGCATGCTTC  
CCGACTACTACAACACCAGAGTTGTAGGTGCCCTGGTGGACCAGGGAGTCTTCGAGGAGCTGGCTCGAGA  
CTATGTCCCGCAGCTGTACGACTGCATGCAGGACCTGGGGGTGATCTCTACCATCTCCCTGTCGTGGTTC  
CTCACACTTTCTCAGTGTGATGCCATTTGAGAGTGCAGTGGTGGTTGTGGACTGTTTTCTCTATGAAG  
GAATCAAAGTGATATTTAGCTGGCTCTCGCTGTACTGGATGCCAACGTGGATAAACTCTTGAACCTGCAA  
GGACGATGGAGAGGCCATGACTGTTTTGGGAAGGTACCTAGACAGTGTGACCAACAAAGACAGCACCCCTG  
CCTCCCATCCCCATCTCCACTCCCTGCTCAGTACGACGTGGGGCCCTACCCTGCCGTGGACATCTTCA



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GACTCATAGGGACGTCTTACGAGAAATTTGGAACATCCGGGCCGATTTGATTGAGCAGATGCGATTCAA  
GCAGAGGCTGAAAGTGATCCAGACCCTGGAGGACACCACAAACGCAATGTGGTACGGACCATTGTGACG  
GAGACGTCCTTACCATCGATGAGCTGGAAGAAGTGTACGCTCTTTTCAAGGCTGAGCATCTGACCAGCT  
GCTACTGGGGTGGGAGCAGCAATGCCCTGGACCGACACGACCCAGCCTGCCTTACCTGGAGCAGTACCG  
CATCGACTTTGAGCAGTCAAGGCATGTTTCGTGCTGCTTTCCCTGGGCGTGTGGCACACACTCCGAT  
GTGCTGGCCTCCCGCCTGTTCCAGCTGTTAGATGAGAATGGAGACTCCTTGATTAACCTCCGAGAGTTCG  
TCTCTGGGCTGAGTGTGCATGCCATGGGACCTCACAGAGAAACTCAAACCTCTGTACAAGATGCACGT  
CTTGCCTGAGCCATCCTGTGATCAAGATGAGCCTGACTCCGCCTTGAAGCCACTCAGTACTTTTTTGA  
GACATCACCCAGAAATGCACACATGTTGTTGGCTTGGACAGTAGAGGCAAGCAGAGTGGCAGCAGCGCT  
TCGTCACAGTGAAGCAGGACAGAGGAAAAGGGCAAATCTCAAGAAAACCGTAATTACCTAAA  
ACTCTGGACTGCAGAAAATAAGTCTAAGTCAAAAAGTCCCAAGGATTTGCCAAGCTGAACCAGGGGCG  
TTTATTGAGCTCTGTAAGACCATGTACAACATGTTTCAGTGAAGACCCCAATGAGCAGGAGCTGTACCATG  
CCACAGCTGCGGTGACCAGCCTCCTGCTGGAGATCGGAGAGGTTGGCAAGTCTTACTACTCAGCCGGC  
AAAGGAAGATGCAGTTCCTGGACCACCTGCGGCCAGGCCATCCAGGCATGCTCTTCCCTAAGAAGGGG  
TCCAGCCAGTCTATGTGGTGGAGTCCACAGAGCCACTCACAGTAGCCTGGCAGTGGACAGTGAAGGAGC  
ACTCCCTGGGAGGCGAGATGGAGGACATTAAGTGGAGGACTCCTCACCCAGGGACAACGGGGCCTGCTC  
CTCCATGTTGATCTCCGATGATGACACCAAGGATGACAGCTCCATGTCATCCTACTCGGTGCTGAGCGCC  
GGCTCCCACGAGGAGGACAACTGCACTGTGAGGACATTGGAGAGGACACAGTCTGGTGCCTAGCAGTC  
AGGGTAGAGCCACCCTGCCAGGAGCAGCAGCCTGGACCGGGACTGGGCCATCACCTTTGAGCAGTTCCT  
GGCCTCGCTCTTGACGGAGCCCGCTCTCGTGAGGTAAGTGGTGAAGCCAGTGTGCATGATGGCCAGGGTC  
ACCAGTGCGAAGAATCCGATGATGGCAAGCCCTCACCTCAGCCAGTACTGAAATCTCTGCC  
TGTCGGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	BC057027
<b>Insert Size:</b>	3021 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="#">BC057027</a></u> , <u><a href="#">AAH57027</a></u>
<b>RefSeq Size:</b>	4453 bp
<b>RefSeq ORF:</b>	3020 bp

**Locus ID:** 71310  
**Cytogenetics:** 8 C2  
**Gene Summary:** May act as a GTPase-activating protein for Rab family protein(s).[UniProtKB/Swiss-Prot Function]