

## Product datasheet for **MC201046**

### **Tbc1d10a (NM\_134023) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tbc1d10a (NM_134023) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tbc1d10a
Synonyms:	AI447804; EPI64; mFLJ00288; Tbc1d10
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC018300 sequence for NM\_134023  
 CCGGGCGGCTCAGGCGGCTGAGGTGGCCGCTGGCGCTCTGGTGGCGGGCGCGCCGATATGGCGAAAAGC  
 AGCAGAGAGAATGGGCCGCGGAGCCCGCAGCAGGCGGGAGCCTGTCTGGGACCCGGAAAGCCTGGCCC  
 AGGGCCCCGACGCCGCCACCGCCGACGAGCTGAGCTCGCTCGGCTCCGACTCGGAGGCCAACGGCTTCGC  
 CGAGCGCCGCATCGACAAGTTCGATTTCATCGTGGGTTTCGAGGGCGCCGAGGGCGCACTGGAGGAAGTT  
 CCCCTGGAGGTGCTGAGGCAGAGGGAGTCCAAGTGGCTGGACATGCTCAACAACCTGGGACAAATGGATGG  
 CCAAGAAGCACAAAAAGATTTCGTTTCGATGCCAGAAGGGCATCCCACCTTCTCTGCGCGGACGGGCTTG  
 GCAGTACCTGTCGGGAGCAAGGTGAAACTTCAGCAGAACCCTGGGAAGTTTGATGAGCTGGACATGTCT  
 CCTGGGGACCCCAAGTGGCTAGATGTGATTGAGCGTGACCTGCACCGGCAGTTCCATTCCATGAGATGT  
 TCGTGTCCCGAGGAGGCCATGGCCAGCAGGACCTGTTCCGTGTGCTGAAGGCCTACACGCTGTACCGCCC  
 TGAGGAGGGCTACTGCCAGGCGCAGGCACCCATTGCTGTGCTCCTCATGCACATGCCTGCTGAGCAA  
 GCCTTCTGGTGTCTGGTACAAGTCTGTGAGAAGTACCTGCCTGGCTACTACAGTGAGAACTGGAGGCAA  
 TCCAGCTGGACGGCGAGATCCTCTTCTACTGCTACAGAAGGTGTCCCCTGTGGCTCACAAGCACCTCAG  
 CCGCCAGAAGATTGATCCCCTGTGTACATGACAGAGTGGTTCATGTGTGCTTTTGGCCGACGCTGCC  
 TGGAGCTCTGTGTGCGAGTTTGGGACATGTTCTTTTGTGAAGGAGTCAAGATCATCTTCCGCGTGGGGC  
 TGGTACTACTGAAGCATGCACTGGGCTCCCAGAGAAGCTCAAAGCCTGCCAGGGCCAGTATGAAACCAT  
 CGAGCAGCTGCGGAGCCTCAGCCCAAGATCATGCAGGAAGCCTTCTGGTTTCAGGAGGTGATAGAGCTG  
 CCTGTGACGGAGCGCCAGATTGAGCGGGAGCACCTCATCCAGCTGCGGCCTGGCAAGAGACGCGTGGTG  
 AGCTGGAGTGCCGCTCTCTGCCAGGATGCATGGTGCCAAAGCCATCCTGGATGCAGAGCCTGGTCCCAG  
 GCCTGCCTGCAACCTTCACCTTCATCCGCTACCGCCAGATGCAGCCCTCCTCAGCTCCAAGGCTAAG  
 CCGCACAAGCAGGCCAGAGGAGCAGAAGCGGACAAAGACCAGTGCGCAACTGGACAAGTCCCCAGGCC  
 TCAGTCAAGCCACAGTGGTACTGCTGCAGGAGATGCATGTCTCCTCAGGGTGTGTCCCCAAAGGACCC  
 GGTCCCCCAGGACCTACTCCTCAGAACTTAGCCTGCCACCATTCCCAGGAGAGCCTGACCTCCCAGGAG  
 AGTGAGGACACCTACTTGTAAACCCGGGAGCTCAGGCCTCCGCGGGGTCTTCTACGTCTTACACGGTT  
 CAAAGACTGACAACACTCCAGGTCTCTGCGCCTGAGGAGCCAACTGCTTGGCCCGTGGGCTGGGATAGG  
 ATCTGGCTGGTCCAGTACAGAGTCTGCCTGGGCTCCTTATTTATTTCTCTTGAGTTGAGCTGGTCCAG  
 CCAGCACAGGCAGAAGCTGTGGCCAAAGGGTTGGGTCTCAGCCCATCCTTCTGGGGAGATGTTACCCA  
 GGGGTAGGGTGTGGCATGCGGGGAGGCGGTGGGTACTCTTTGTGTAATAATAGATATATGGTTTTGTAC  
 GGAAATAAACAGGCTTGTGTATAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_134023

**Insert Size:** 1503 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:**

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: [BC018300](#), [AAH18300](#)  
RefSeq Size: 1929 bp  
RefSeq ORF: 1503 bp  
Locus ID: 103724  
UniProt ID: [P58802](#)  
Cytogenetics: 11 A1  
Gene Summary: Acts as GTPase-activating protein for RAB27A.[UniProtKB/Swiss-Prot Function]