

Product datasheet for **MC220614**

Tbc1d12 (NM_145952) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbc1d12 (NM_145952) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tbc1d12
Synonyms:	BC033574
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220614 representing NM_145952
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATGGTCCCAGGATGCCGGAGCCTGCTCGGGAAGAACGCCGAGCTGCTCCCAGTCCCAGGGGCCA
 TGGTTCAGGACGGGAAGACCGTCCCGGCCACCAGCGGCTTTAGCGGAGGCGCTGTCGCCGCGAGCCGCC
 GGAGGAGCTGGAGAGGAGGAGCGCCGCCGCGCAGCTCCTGCAGCGGTACCTCGCGGCGGCCGCG
 GGCCCGCTGAAGCCCGGCTCGGCGGGCGGAGGCGGAGGCGGAGGAGGCGGCGCGCAGCAGTCCCCG
 CGGCGCGCGCTCAGGCATGACCAACGGAGACTCGGGCTTTTGTGCGCCAGGACCGTCCGCGCCAGA
 GGAGGCACGTGCGCGCCGAACCTGCGGCCGTCCCTGCCTGCTGGAGCCCGGACGAGGGCGTGGACGGT
 GCGGGTGGCTGGACGACTGGGCCGCGCCGCTCGAGGACCCGCTCGGAGCTGCTGCCTGGCGCCGGG
 ACAGGACGACCCGACCCCGCAGCCGCCACCCCTGCCGGGAGGCGCGTGCAGAGCGCGGAGCCAGCCT
 CGGCCCTCCCGACGCCCGCTTCGGCTCTCGGAACAGTTCGAGGTGAGCCGCCGTAGAGCGCCGGCGAC
 CTCTGCCCTCAGCGGGCCGTCGCGACCCCTGCCAGCGCAGAGCAGGTTCCCGGGGGACACCGCTC
 GGGCTCGACGGAGCGGTGGCTTCGCGGATTTCTCGCCAGAAACCTTTTCCCAAAAAGGCAAAAGGAACT
 CAAATCAGTTGTCCATAGTGTCTCTGGTGAAGTTATTTGGTAAAGTCCCTCCCAGAGAAAATCTTCAG
 AAAACCTCCAAAATTTTCAGCAGGAGTACGAAGTCCGCACAGGGAGGACCTGTAAGCAGCCCCCAGT
 CTTACGACGCAAGAGCTTTGCGCTGGAGCCACTTTCTACCACTGCCCTGATTCTGGAGGACCGACCACC
 GAATCTTCTCGCAAATCTGTGGAAGAAGCGTGCCTCACCAGCAGGAGTATGATGAGATGGTGGCCGAA
 GCTAAAAACGAGAAATTAAGAAGCACATAAAAGAAAAAGAATAATGAAAGAACGATTTAAGCAGGAAG
 AAAGCATTGCAAGTCAATGGTAATTTGGATCAATGAAATACTGCCAATTGGGAAGTAATCGTAGTAC
 CAGAAGAGTTCGAGAATTGGTGGCAGGATTGCCCCCTAGTGTCCGTGGGAAAGTTGGAGTCTAGCT
 GTAGAAATGAACTAAATCACTCCTGAACTTTATGAAATCTTTCTTTCAAGAGCAAAAGAACGTTGGA
 AAAGCTTCAGTGAATCAAGTTCTGAGAAGCAGACGGAAGGTCTATCTGTTGCTGACCGAGAGGCTAGTCT
 GGAATTAATTAAGTTGGACATATCCCGTACATTTCCATCTCTACATCTTTCAGAAGGGTGGCCATAT
 CACGATGTTTTGCATAGTATCTTAGGGCATATACATGTTACAGACCTGATGTTGGTTATGTCCAGGGGA
 TGTCTTCATCGCAGCCGTTCTCATCTCAATCTGGAGGAAGCAGACGCCTTCATTGCGTTCGCGAATCT
 CCTAAACAAGCCGTGCCAACTGGCCTTTTCCGAGTGGATCACAGCATGATGTTGAAGTATTTGCAACA
 TTTGAAGTATTCTTTGAGGAAAACCTATCCAACTATTTCTTCAATTTCAAGTCGATAATCTGACACCAG
 ATATATATTTGATAGATTGGATCTTACATTGTACAGCAAATCACTGCCACTTGATCTGGCTTGTGAGT
 CTGGGATGTGTTTTGTAGAGATGGGAGGAATTTTATTTAGGACTGGATTAGGGATCCTCCGGCTATAT
 GAAGATATACTCTACAGATGGACTTTATTCATATAGCACAATTTCTTACCAAATGCCAGAAGATATAA
 CATCAGAAAAGCTTTTCAGCTGCATCGCAGCCATTAGATGCAGAATAGCACCAAGAAATGGACTCAGGT
 CTTTGCATCTGTAGCAAAGGACATTAAGAAGGGGACAAGAACCACCGCCCTGCTCTGAAGAGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_145952
- Insert Size:** 2097 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: [NM_145952.3](#), [NP_666064.3](#)

RefSeq Size: 4209 bp

RefSeq ORF: 2097 bp

Locus ID: 209478

UniProt ID: [Q6A039](#)

Cytogenetics: 19 C3

Gene Summary: May act as a GTPase-activating protein for Rab family protein(s).[UniProtKB/Swiss-Prot Function]