

Product datasheet for **MC217264**

Tbc1d22a (NM_145476) Mouse Untagged Clone

Product data:

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|--------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Tbc1d22a (NM_145476) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Tbc1d22a |
| Synonyms: | BC023106; D15Ertd781e |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >MC217264 representing NM_145476
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCAGCGACGGGCCAGGAAGCAGTTCTGGAAGCGCAGCAACAGCAAGTCCCGGGCAGCATCCAGC
 ATGTGTATGGAGCCAGCACCCACCGTTTGGATCCGCTGTTACATGGCACCTTGCTCAAGTCCACGCCAA
 GGTGCCACCACCTCCGGTGAAGGCCAAGCGGGTACACACCTTCCAGGAGTTTGAGAGCAACACCAGTGAT
 GCTTGGGATGCCGGTGAAGACGATGATGAGCTCCTGGCCATGGCGACAGAGAGCCTGAACTCTGAGGTGG
 TCATGGAGACAGCACATCGTGTCTGCGCAATCACAGCCAGAGGCAGAGCCAGCCTTACAGAAGACGAC
 AGAACCAGAGCCAGAGCCTCAGCCCATAGCAGAGCCTCCTGTACCTCCCAGTGGTGACCTTCGCCTGGT
 AAGTCTGTCAGTGAGAGCCACACTCCTTGTCTTACAGAGACCCGGTGATACAGTCCCTCTGCAACGGT
 CCCAGTCTTCCCCTCGGCCACAGTGACACTGAGTGGGACATCTGACCCACATGCCCTTGTGACTC
 AGCCCTGAGTAAGAGAGAGACCTCTCGGCTGGACAAGTCAAACAGCTGCTTGTGGCCCCAACACAGAC
 CTTGAGGAATTACGGAAGCTGAGCTGGTCCGGAATCCCAAAGCCAGTTCGTCCAATGACATGGAACTTC
 TCTCAGGTTACCTTCTGCCAATGTTGACCGAAGACCAGCCACGCTGCAGAGGAAACAGAAGGAATACTT
 TGCTTTTATTGAGCATTATTACAGCTCTAGGAATGACGAAGTTACCAGGACACGTATCGCCAGATCCAT
 ATCGACATCCCTCGGATGAGCCCGAAGCGCTGATTCTTCAGCCCAAGGTGACAGAGATTTTCGAAAGGA
 TCTTGTATATGGGCAATCCGACACCTGCCAGTGGATACGTTTCAGGGAATAAATGACCTGGTCACTCC
 GTTCTTCGTGGTCTTCAATTTGCGAGTACACAGACCCGGGAGGACGTGGACAAGGTGATGTCTCCAGTGTG
 CCTGCAGAGGTGCTTCGCAACATTGAGGCTGACACCTACTGGTGCATGAGCAAGCTTCTGGATGGCATTG
 AGGACAACACTACACCTTTGCCAACCTGGGATTCAGATGAAAGTGAAGATGCTGGAAGAGCTGTGAGCCG
 GATTGATGAGCGAGTCCACCGGCATCTGGACGGGCATGAGGTGCGGTACCTGCAGTTTGCCTCCGCTGG
 ATGAACAACCTGCTGATGAGGGAGCTGCCCTGCGCTGCACCATCCGCCTGTGGGACACTTACCAGTCTG
 AACCCGAGGGCTTTTCTCATTTCCACTTATATGTTTGTGCTGCTTTCCTCGTGAGATGGAGGAGAGAAAT
 TCTAGAAGAAAGAGATTTTCAAGAGTTGCTGCTTCTCCAGAACCTGCCTACTGCCCGCTGGGATGAC
 CAGGATGTCAGCCTGCTGCTGGCTGAGGCCTATCGCCTCAAGTTTGCCTTCGACAGCAGCCCCAATCACT
 ACAAGAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_145476

Insert Size: 1551 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_145476.2](#), [NP_663451.2](#)

RefSeq Size: 3248 bp

RefSeq ORF: 1551 bp

Locus ID: 223754

UniProt ID: [Q8R5A6](#)

Cytogenetics: 15 40.56 cM

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

Transcript Variant: This variant (1) encodes the longer isoform (1).