

Product datasheet for **MC219007**

Tbc1d24 (NM_001163848) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbc1d24 (NM_001163848) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tbc1d24
Synonyms:	9630033P11; C530046L02Rik; mKIAA1171
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC219007 representing NM_001163848
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACCCCCAGGGTACAATTGCTTTGTGGATAAGGACAAGATGGATGCATCCATCCAGGACCTGGGGC
 CAAAGGAGCTGAACTGCACGGAGCTACAGGAGCTGAAGCAACTGGCACGGCAGGGTTACTGGGCTCAGAG
 CCACACCTGCGCGGAAAGTGTACCAGCGCTGATCCGGGACATCCCCTGCCGCACAGTACACCTGAT
 GCCAGCGTGTACAGTGACATTGTGGGAAGATTGTGGCAAGCACAGCAGCAGTAGTCTGCCCTTGCCCTG
 AGTTTGTAGACAACACTCAGGTGCCACCTACTGCCTGAACACACGGGGTGAAGGGGCTGTGCGCAAGAT
 CCTCTGTGATTGCCAACAGTCCCTGACATCTCCTTCTGCCCTGCCCTGCCTGCTGTGGTGGCCTTG
 CTACTGCACTACAGCATCGATGAAGCTGAGTGTTCGAAAAGCCTGCCGCATCTTATCCTGCAATGACC
 CCACCAAGAAGCTCATTGACCAGAGCTTCTGGCCTTTGAGTCTTCTGTATGACATTTGGGGACCTGGT
 GAACAAGTACTGCCAGGCAGCCATAAACTGATGGTGGCCGTGTCAGAGGACGCTCTGCAGTCTACTCT
 GACTGGCAGCGATGGCTCTTTGGGGAGCTGCCCTCAATTAATTTGCCCCGTGTTTTGATGTCTTCTTG
 TAGAAGGCTACAAAGTATTGTACCGAGTTGCTCTGGCCATCCTCAAGTCTTCCACAAGGTGAGAGCAGG
 ACAGCCCCCTTGAGTCAGACAATGTAAGCAAGACATCCGAATGTTTGTCAAGGACATTGCCAAGACAGTG
 TCCCCTGAGAACTACTAGAGAAGGCCTTTGCCATCCGCCTATTTTCCGAAAGGAGATCCAGCTCTTGC
 AAATGGCCAATGAGAAAGCACTGAGGCAGAAGGGTATAACTGTCAAACAGAAGAGTGTCTCACTTTCTAA
 AAGGCAGTTTGTGCACTTAGCTGTCCATGCAGAGAACTCCACTCAGAGATTGTGACGCTGAAGGAGATG
 AGAGACATTTGGTCTGGATCCCTGAGCGCTTTGCCCTTGCCAAACCCCTCCTGCTTTCTCATCACTGC
 AGCATGGGTACAGCCTAAGCAGTTCTATTTCCAGTGTGAAGGACATGAGCCCACCCCTCCTGCTCATCAA
 GACCACTCAAAGGAGGTCTGTGGGCTTACCTGTCAACAGACTGGAGCGAGAGGACTAAATTCGGAGGC
 AAGCTGGCTTCTTTGGACTGGAGAATGCTTTGTTTTAGGCTGCAGCCGGAAGTGCAGCGCTATGAGT
 GGGTGGTCATCAAACACCCAGAGCTGACCAAGGCAACATCCCTCAAGTCTTCAAGGCTGCAGGCAGTTC
 TTCCCTCATCAGCCACTGCTCTTCAAGACCCGCTGATCGGCTCTCCCCTTCTGGCTGCCCGGCACTTC
 AACCTGCCCTCAAAGACTGAGTCCATGTTATGGCTGGAGGCAATGACTGCCTCATATTGGGGAGGAG
 GTGGTCAAGCACTCTACGTTGATGGGGACCTGAATCGAGGGCGCACTGGACACTGTGACACATTCAACAA
 CCAGCCCCTCTGCTCTGAGAATCTCTCATCGCAGCTGTGGAGGCTTGGGGCTTCCAAGACCTGACACC
 GAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001163848

Insert Size: 1686 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_001163848.1](#), [NP_001157320.1](#)

RefSeq Size: 7266 bp

RefSeq ORF: 1686 bp

Locus ID: 224617

UniProt ID: [Q3UUG6](#)

Cytogenetics: 17 A3.3

Gene Summary: May act as a GTPase-activating protein for Rab family protein(s) (PubMed:20727515). Involved in neuronal projections development, probably through a negative modulation of ARF6 function (PubMed:20727515).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) uses an alternate splice site in the 5' UTR and lacks a segment of the 3' UTR, compared to variant 1. Variants 1, 2 and 3 encode the same isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.