

Product datasheet for MC224110

Tbc1d9 (NM_001111304) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Tbc1d9
Synonyms:	4933431N12Rik; AI847101; AW490653; C76116
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224110 representing NM_001111304 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTGGGTGAATCCGGAGGAGGTACTGCTGGCCAACGCGCTGTGGATCACCGAGAGAGCCAACCCCTACT
TCATTCTGCAACGAAGGAAGGGCCACGGGGGCGACGGGGGTGGCGGCGCGGATTGGCGGGCCTCCTTGT
GGGTACCCTCGATGTGGTATTGGACTCCAGTGCCCGAGTCGCACCGTACCGAATCCTTTATCAAACCTCCA
GACTCTCTAGTCTATTGGACCATTCGCTGTGGTGGCTCCAGGAAGGAGGTTACTGAGCACTGGGAATGGC
TTGAACAGAACCTACTGCAGACACTCTCCATCTTTGAGAATGAGAATGACGTCACCACTTTGTAAGAGG
GAAAAACAGGGCATCATTGCAGAATATACAAAATCAACGATGTGAAAGAAGATGAGGATACAGAGAAG
TTTAAAGAGGCCATCGTGAAGTTCCACAGGCTGTTGGGATGCCTGAAGAAGAGAACTAGTCAACTATT
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TGTTCTCAACATCAATGAGACGTTCAAGCTGATGGAACAGCTTGCCAACATAGCCATGAGGCAGCTCTT
GGACAATGAAGGATTTGAACAGGACCGTCCCTGCCTAACTCAAGAAGAAATCTCCCAAAAAGTATCT
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GATGTTCTGCTCCTACTAATTACATCTGTTTACCAGCAAGGAGGAAACCTCTGCAGCCTCATAATTCCA
CTCCGGGAAGTAACCATCGTGGAGAAGGCCGACAGCTGCAGTGTGCTCCCGAGCCCTCTGTCCATCAGCA
CCAGGAACAGGATGACCTTCTGTTCCGCAACTTGAAAGACAGAGACTTTCTGGTGCAGAGGATCTCAGA
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GATGAGGTGATTTCTCGGCCAGCAGCCTCGTTTCTCCAGTCCCCAGAGAAGCACAAGCTCGGATGCTG
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CCGGCGCGGATCTCTGAAGAATTCAACCCAAAATTGGCCAAAGAGTTTTTGAAGAACAAGCTGGAAG
ATTCATTTGCTGAGTATGGGAGGGAATCTGCATGTACCGCACAGAGAAGACCCGGGAGCTGGTGTGA



AGGGCATCCCAGAGAGCATGCGCGGAGAGCTCTGGCTGCTGCTTTTCAGGGGCCATCAATGAAAAGGCCAC
ACACCCCGGGTACTACGAGGGCCTCGTGGAGAAGTCGATGGGAAAGTACAATCTGGCCACCGAGGAGATT
GAGAGAGACTTACACCGCTCCCTTCCAGAACACCCAGCTTTCCAGAACGAAATGGGCATCGCGGCTCTGA
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GAGACTATGTCCCGCAGCTGTACGACTGCATGCAGGACCTGGGGGTGATCTCTACCATCTCCCTGTCGTG
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GCAAGGACGATGGAGAGGCCATGACTGTTTTGGGAAGGTACCTAGACAGTGTGACCAACAAGACAGCAC
CCTGCCTCCCATCCCCATCTCCACTCCCTGCTCAGTGACGACGTGGGGCCCTACCTGCGGTGGACATC
TTCAGACTCATAGGGACGTCTTACGAGAAATTTGGAACATATCCGGGCCGATTTGATTGAGCAGATGCGAT
TCAAGCAGAGGCTGAAAGTGATCCAGACCTGGAGGACACCACAAACGCAATGTGGTACGGACATTGT
GACGGAGACGTCTTACCATCGATGAGCTGGAAGAACTGTACGCTCTTTCAAGGCTGAGCATCTGACC
AGCTGCTACTGGGGTGGGAGCAGCAATGCCCTGGACGACACGACCCAGCCTGCCTTACCTGGAGCAGT
ACCGCATCGACTTTGAGCAGTTCAAGGGCATGTTTCGTGCTGCTCTTCCCTGGGCGTGTGGCACACACTC
CGATGTGCTGGCCTCCCGCCTGTTCCAGCTGTTAGATGAGAATGGAGACTCCTTGATTAACCTCCGAGAG
TTCGCTCTCTGGGCTGAGTGTGCATGCCATGGGGACCTCACAGAGAACTCAAACCTCTGTACAAGATGC
ACGCTTTCCTGAGCCATCCTGTGATCAAGATGAGCCTGACTCCGCCTTTGAAGCCACTCAGTACTTTTT
TGAAGACATCACCCAGAATGCACACATGTTGTTGGCTTGGACAGTAGAGGCAAGCAGAGTGGGACGAC
GGCTTCGTACAGTGAGCCTGAAGCAGGACAGAGGGAAAAGGGCAAATTCTCAAGAAAACCGTAATTACC
TAAACTCTGGACTGCAGAAAATAAGTCTAAGTCAAAACTGCCAAGGATTTGCCAAGCTGAACACAGGG
GCAGTTTATTGAGCTCTGTAAGACCATGTACAACATGTTTCAGTGAAGACCCCAATGAGCAGGAGCTGTAC
CATGCCACAGCTGCGGTGACCAGCCTCCTGCTGGAGATCGGAGAGGTTGGCAAGTTCTTACTACTCAGC
CGGCAAGGAAGATGCAGTTCTTGGACCACCTGCGGGCAGGCCATCCCAGGCATGCTCTTCCCTAAGAA
GGGGTCCAGCCAGTCTATGTGGTGGAGTCCACAGAGCCACTCACAGTAGCCTGGCAGTGGACAGTGAG
GAGCACTCCCTGGGAGGGCAGATGGAGGACATTAAGTGGAGGACTCCTCAGGAGGACAAACGGGGCCT
GCTCCTCCATGTTGATCTCCGATGATGACACCAAGGATGACAGCTCCATGTCATCCTACTCGGTGCTGAG
CGCCGGCTCCACAGGAGGACAACTGCACTGTGAGGACATTGGAGAGGACACAGTCTGGTGGCTAGC
AGTCAGGGTAGAGCCACCTGCCCAGGAGCAGCAGCCTGGACCGGGACTGGGCCATCACCTTTGAGCAGT
TCCTGGCCTCGCTTTGACGGAGCCGCTCTCGTGAGGTACTTTGACAAGCCAGTGTGCATGATGCCAG
GGTCACCAAGTGCAGAAACATCCGTATGATGGGAAGCCCTCACCTCAGCCAGTGACTATGAAATCTCT
GCCCTGTCGGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001111304

Insert Size:

3795 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001111304.1</u> , <u>NP_001104774.1</u>
RefSeq Size:	5864 bp
RefSeq ORF:	3795 bp
Locus ID:	71310
UniProt ID:	<u>Q3UYK3</u>
Cytogenetics:	8 C2
Gene Summary:	May act as a GTPase-activating protein for Rab family protein(s).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).