

Product datasheet for **MC222877**

Tbc1d2b (NM_194334) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbc1d2b (NM_194334) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tbc1d2b
Synonyms:	1810061M12Rik; AI480956; AV021536; AV023399; AW491493; mKIAA1055
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222877 representing NM_194334
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCGGGGCCGGGACGGCGTGGAGGAGAGCTGCAGTGGTGGTGGAGGGAGCGGTACCGGGAACAGGCT
 CGGAGGCTGGGGCGGTGGCGGGACGGGAGCCCTCGCGGCTGTGCGGCTACCTGCAGAAGCTGTCGGGCAA
 GGGCCCGTTGCGCGGCTACCGCAGCCGCTGGTTCTGTGTTGACTCGCGCCGCTGTACTCTACTACTTC
 AAGAGTCCCAGGACGCTCTGCCGCTCGGCCACCTGGACATCGCCGACGCTGCTTCAGCTACCAGGGCC
 GCGATGAGGCTGCGGAGCCGGAGCAGATCCGCCACACACTTCCAGGTGCACAGCGCCGGTGCAGTAC
 CGTGCTCAAGGCTCCTAATCGTGAGCTCATGACTACTGGCTACAGGAGCTTCCAGCAGAAAAGATGGGAA
 TATTGCAACAGCCTTGACATGATGAAGTGGACAGCAGGACTTCCCCGACTCCAGGGGATTTTCCAAGG
 GCCTTGTGGCCAGAGATACCACAGATAAATTTCCAGCACCCAAATCCTTCTGCAGAAAAGCCAGAAC
 TGTGCTCGCTGTGAAGCTGCCCTGGAGAGCTGGTGGGAGACCGGGCTGCTCATCAGCCAGCTCCCGGG
 CATCCGAATCCCATCAACTTTTACTCTCTGAAGCAGTGGGGAAAATGAGCTCAAAAATTCATGTCATCAT
 TCCGCTCTGGGAGAGGGCACAGTGAAGTGCAGGACCGTGTGTTTACACCAATGAAGAGTGGAACTTCT
 AGACCCGCTCCTAAGGACCTGGAGGAGTCCCTGGTACCAGAAGAGAGGAAGAAGCCGATGCCTGAGGGC
 AGTAAAGGAGTCGCTAGTTCAGGATTCCTTTGAATTTGGACGGAACCCCTTACAAGGAAAAGCGCCCT
 TGAAAGATATAATTGGGTACATAAAAACCGCCACAGCAGTAGTGATCCTTTGCTCGAGGGAAACGGCGAC
 ATCATCAGGCAGCAGCGGAGTCCCACTAAGCCAGTCCCCGAAATGCAGTGCAGATTCAAAGCCAGCAG
 GAGGAGCTGGAGCAACTCAAGAAGGACCTATCCAGTCAAGAAGGAGCTCATTGGCTGCTCCAGCAGACAG
 TCCGGTCAATCCCAATATGACAAGTATTTACGAACCCCCAGATCAGCCAGGGGGTCCCCGGGGACACAT
 GGAGCTCCTGCACCAGAAGGACGAGCAGATCCTGGGCTCAGCGCCAGCTGGAGAGGTTTCGGCTGGAG
 AAGGAAAGCCTCCAGCAGGAAGTGAAGGACGCTGAAGAGCAAGGTGGGCGAGCTCAACGAGCGGCTCGGCA
 TGCTGATGGAGACCATCCAGGCCAAGGACGAGGTATCATCAAGCTCAGCGCTGTGAGGGCAGCGTGTG
 ATCACCCACCCTGGGGCCAGCTCTCCTTTGGCCATCCAGCCAGCAAGGACCAGCTGGAGCTGGACAGG
 CTAAGATAGTCTGCAAGGGTACAAAAGCCAAAATAAATTTCTAAACAAGGAAATTTGGAACTCTCGG
 CTCTACGAAGAAATGCAGAAAGGAGAGAGGGATCTGATGGCTAAGTACTCTAGCCTGGAAGCCAAGCT
 CTGCCAGGTTGAAAGTAAATACTTGATACTGCTCAAGAATGAAGACACCAGTTTGTCTCAGAGGAACAG
 GGCCTGCCAGGGATGTCATAGCCAGTGTGGAGGATGCTCTGCAGGTCGAGAGCCAAGAGCAGCCGG
 AGCAAGCATTGTTAAGCCTCATCTGGTCAAGTGTGATATCTACGGGTTTAGGACTGTCCCTGATGA
 TGATGAGGAAGAGAAGTTGGTCGCCAAGGTCAGCAGCTGGACCTGAAGACTCTGTACTCACAGACAAC
 CAGGAGGTTTCCACTGGGGTCAAGTGGGAAAATATTTTGGCAGCACAATGAACAGGGAGATGGCATGCT
 CTCCGGAGCTGAAAAACCTGATCCGAGCAGGCAATCCCCACGAGCACCCTCCAAGGTGTGGAAGTGGT
 TGTTGACCGTCACACCAGGAAGTTCAAGGACAGCATGGAGCCAGACTACTTCCAGACCTTGTGCAGAAG
 GCTCTGGAGAAACAGAACCCGGCCTCAAGCAGATCGAGCTGGACCTGCTCCGACTCTGCCAACACA
 AGCACTACTCCAGCCCCACGTCGGAGGGCATAACAAGCTGCGCAGTGTCTGCTCGCCTTCTCTGGCC
 GAATCCCGATATCGGCTACTGCCAAGGCTGAACAGGTTGGTGGCAGTGGCTCTCCTTTACCTGGATCAA
 GAAGATGCCTTCTGGTGTCTGTTACCATCGTGGAAAGTCTTATGCCCGAGACTATTACACAAAGACTC
 TTTTAGGATCCCAGTGGACCAGCGGTGTTTCAAGACCTCTGAGTGAAGGCTGCCTCGACTGCACAC
 CCATTTTGAACAGTACAAGTGGACTACACCCTCATCACCTTCAACTGGTTTCTGGTGGTATTTGTGGAC
 AGCGTTGTGAGCAGATCCTCTTTAAAATATGGGACTCTTTCCTTTATGAGGGACCAAAGGTTATTTTCC
 GTTTTGCCTGGCACTTTTTAAATATAAGGAAGAGGAGATCCTGAAATGCAAGATTCGATGTCCATATT
 CAAGTATCTGCTTACTTCACTCGGACTATCCTCGATGCCAGGAAGCTGATCAGCATCTCCTTTGGGGAT
 CTGAACCCCTTCCCCTGCGCCAGATCCGGAACCGGAGAGCCTACCACCTGGAGAAGGTCGGCTGGAGC
 TGACAGAGCTGGAGGCCATTCGAGAGGACTTCTGCGTGAGCGGGACACTAGCCCTGACAAGGCGAGCT
 AGTTAGCGATGAGGAGGAAGACACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_194334
Insert Size:	2898 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:	<ol style="list-style-type: none">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_194334.2 , NP_919315.2
RefSeq Size:	5951 bp
RefSeq ORF:	2898 bp
Locus ID:	67016
UniProt ID:	Q3U0J8
Cytogenetics:	9 E3.1
Gene Summary:	May act as a GTPase-activating protein.[UniProtKB/Swiss-Prot Function]