

Product datasheet for **MC223041**

Tbc1d31 (NM_001081396) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbc1d31 (NM_001081396) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tbc1d31
Synonyms:	4B3; D330013L20Rik; Gm85; Wdr67
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223041 representing NM_001081396 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGAGCACTGACCTGGGCAACAAGGAGAGCGGCAAGATATGGCACCGCAAGCCATCGCCAGCCACTC
ACGACGGAATTATAGTGAACATTGTTACAGCACTTCTGAATACCATCCCAAAGTCTTGGGTTTTTGAA
TGTGGCTTTTGTGGCTCAGGCGATTCCCTCATTGCTGGGGACCATCAGGGAAACATCTATGTTTTGAC
TTGCATGGAAACAGGTTTAACTTTGTTACGCAACAGCACAAGCGTGCACAGCTCTGGCCTTAACTCTC
GTAGAAAGTCTGAGTTCCTGTGGCGTTAGCTGATTATCTATTAATGTTTTGATACAGTCACCAAGGA
GCTGGTTAGCTGGATGAGAGGACACGAGTCGTCGGTGTGTTCCATTTCTGTGCACGCATCTGGGAGATAC
GCCATCACCATTCTCTGACACAGCTCAGCTCTGGGACTTGGATACTTTCCAGAGGAAGAGAAAGCTGA
ACATCCGCCAGTCGGTGGGCATACAGAAGTTTTCTTTCTACCATTAAGTAACACCATCCTCAGCTGTTT
TAAAGACAACCTCCATCTTCGCTGGGAATGTGATACTCTGTTTTGCAAAACCAATTGCCAGGTCCACCT
GAGGGCTCTAACATCTTATACAAAGTGTGCTGTGACCAGAGATGGCCGAATCTGGCTGCTGGAGGCA
AATCCAATCACCTGCATTTGTGGTCTTGGAGGCCACAGGGCTCTCAGAATCATTAGATGCCTGCGGAA
GGTACGAGCTGTTCCGCACTGGAATTCCTGCCTGATAGCTTTGATGCCGTTCCAATCAGGTTCTTGTT
GTGCTAAGTCAAGATGGGATTATGCGGTTGTCAACATACAGACTTGAAACTTCTCTTTGAAATTGGGA
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TGGAAGTCTGAATGTATATTAGTTCAGGCTTTAACACAAGAAATAAATAAGCCTCCTCCTCCTAGTT
AAGGTGATTGAAGATTTGCCAGTAACACAGTGAATCCAGCAATCTTAAATGAAGATAATGCCAGGAA
GAGTACAGCGCCTGCAAGATGTAAGAGAGCAAAATCCAACCGGGTCTCAAGCAGGACCTGACTGG
GGACTTAGAAAAAAGGAGAATGAATTGTCAGAAGGATTAATAAAAAGCGCTTACAAATCTTATAAAA
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CATCAAAAGCAGGAACTACTGAGAGTATTGCAGAGAACCCTCTCTGCATTAGCTCACTGGTCTGCAATC
TTCAGTGACACACCATACCTTCCACTCTTGGCATTTCATTTGAAAATTATTCCAGAACAATCAGCTCA



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TCTGTTTTGAAGTTGTGGCTACTCTCATAATCAATTGGTGTCAACATTGGTTTGAGTACTTTCCTAATCC
 TCCTATCAACATTCTTAGCATGATAGAAAATGTTTTGGCATTTCATGACAAGGAGCTGCTGCAGCACTTC
 ATAGATCGTGATATAACTCCCAGGTGATGCCTGGCCTCCTCGAAACACTGTTCTCAGAAGTCTGA
 CGAGAGAGGAGTGGCTCCGCCTCTTCGATAACATCTTCTCCAATCACCTTCCTCCTCTGATGACTGT
 GGTGGCCTACAGTACCTGCTCCAGAGCGCCTTTGCTCAACTGTACTCTTAAGAATGACTTTGAGTATTTT
 TTTCACCATCGGAATAACCTGGACATAAATGTTGTAATTAGAGAAGTTTATCATCTCATGGAGACAACGC
 CTGCTGATATCCACCCAAATAGCATGCTGGATGCTTTTCGTTGCACTGACGAAAGGGCAGTACCCTATATT
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 GACTTCTTGAGAGAGAGGACAGTGTGAAAATATGCAAGCTGAAAGTGGATGAGCAGAGAGCTAAGGATG
 AGGCGTGGTACCAGAAGCAGGAGCTGCTCCGAGAGCTGAGGAGACAAGAAGAGAGATACTTCTCAAGA
 AGAGGAGAAGATGGCCAGCAGAGACAAAGGCTAGCTGCCGTGAAAAGGGAAGTGGAGATAAAGGAAATA
 CACTTACAGGATGCTGCGAGGAGACGCTTGCTGAAGCTTCAGCAAGATCAACGGGAAATGGAGCTGCGCA
 GGCTGGAGGATGAAATTGAGAGAAAGGTACAAATGAGAGATCAAGAAATCGTGCCACAGCCAAGGACCT
 GGAATAAAGGCAGCTGGAACCGAAGCAGCAAAAAGCGACTTATGAGAAGGATCTTACTACAAGTCAAGAG
 GCTGTTGCCAAAGAAATCCGAGAAGATACAGATGCCCATAGGCGGAAAGCGGCTCTGGAAGAACACATGT
 TCAGAAGCTGTAGAGAACAGCCAGATGGGGGCGAGAAGGGCGCAGAGGTGGAAGGAAGCCGAAGAGAA
 GGAATTCATTTGCAATCAGCAAAGAAAGCCTCTGCCCTTTCAGATGCCTCTCGAAAGTGGTTTTAAGG
 CAGGAGACAAGTGCAGCTTTGGAGCATGAAGAAATGCCTTGTTGCAAAGGCAGTACATGGACTCAGCCT
 ATCTGCCTCAAACCTCACGATTACATGATGTTTCTGACATGGACCCCTCAACACACATTTTTTCAAGAAA
 TTATCCAACAGAATGGAACACATGGAACACGACCTTCTCAAGAACGTGCGAGATCTTCGAGGAGACTC
 ACAGCCCGGGCTCGGAACAGCTGTCGGCACCTCATCTTTTGGTGACATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001081396
- Insert Size:** 2991 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_001081396.2](#), [NP_001074865.2](#)
- RefSeq Size:** 3318 bp
- RefSeq ORF:** 2991 bp
- Locus ID:** 210544

UniProt ID: [Q6NXY1](#)

Cytogenetics: 15 D1