

Product datasheet for **MC217124**

Tbc1d22b (NM_198647) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbc1d22b (NM_198647) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tbc1d22b
Synonyms:	BC045600
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217124 representing NM_198647
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCGCCGAGAACAGCAAGCAGTTCTGGAAGAGGAGCGCCAAGCTACCGGGGAGCATTACGCCTGTGT
ATGGGGCTCAGCACCCCTCTGGATCCTCGGCTCACAAAAAATTCATCAAAGAAAGGTCGAAAGTCAA
CTCAGTTCCTCTGAAGAACAAGAAGGCCTCCAGTTTCCACGAGTTTGCAGGAAATACCAAGTACGCCTGG
GACATTGGTGACGATGAGGAGGAGGACTTCTCCTCACCTCCTTTCCAGACTCTGAACTCGAAAGTGGCTT
TGGCGACTGCAGCCAAAGTCTAGAAAACCACAGCAAGCTGAGGGTAAAACCGAAAGGTCGAGTCGAC
AACATCAGACGTCCCGCCAACACAAGGTCATAAAGTCCAGCAGTGACGCCAGCTGTCCCGAACTCC
AGTGACACGTGCCTGAGGAACCCGCTCCACAAACAGCAGTCTCTCCCTCCGACCCATCATCCCCCTG
TCGCCCGATCTCAGACCAGAATGCTTCTGGGGCTCTCCAATGACAGTCCGGGAGAAAACGCGCCTGGA
AAAGTTTCGCGAGCTGTTTCCAGCCACAACACTGACCTAGATGAATTGAGGAAGTGGAGCTGGCCAGGC
GTTCCAGGGAAGTTCGACCAAGTACCTGGAGACTGCTGTCCGGCTATCTCCCGCAAACACCGAGCGGC
GGAAGTTGACCCTGCAGCGGAAGCGGGAGGAGTACTTTGGCTTCATTGAGCAGTATTATGACTCTCGGAA
TGAAGAGCACCACCAGGATACCTACAGACAGATTACATTGACATTCCGAGGACGAACCCCTCATCCCC
TTGTTCCAGCAGCCGCTCGTCCAGGAGATCTTTGAACGAATTCTGTTTATCTGGGCCATCCGACACCCCG
CCAGTGGGTATGTCCAGGGAATTAATGACCTGGTCACTCCGTTCTTTGTCGTCTTCTCTCGAATATGT
AGAAGAGGACGTGGAGAAGTTCGACGTGACCAACTGTCTCAGGACATGCTGCGAAGCATTGAAGCCGAC
AGCTTCTGGTGCATGAGCAAGCTGCTGGACGGAATACAGGATAATTACACGTTTGCACAGCCAGGGATCC
AGAAGAAGGTCAAGGCGCTGGAAGAGCTGTCAGCCGGATCGATGAGCAGGTACACAGTCACTTCAGGAG
GTACGAGTGGAGTACCTGCAGTTTGCCTTTCGGTGGATGAACAACCTGCTGATGCGGGAACCTCCCTA
CGCTGCACCATCCGCTGTGGGACACGTACCAGTCTGAGCCAGAAGGCTTCTCGCACTTCCATCTATG
TCTGCGCCGCTTCTTGATCAAGTGGAGGAAGGAGATTTGGATGAGGAAGACTTTCAGGGCCTCCTCAT
GCTGCTGCAGAACCTGCCACAATCCACTGGGGCAATGAGGAGATCGGGCTGCTGCTGGCTGAGGCCTAC
AGACTCAAGTACATGTTTGCAGATGCCCAACCACTACCGCCGATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_198647

Insert Size: 1518 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_198647.1](#), [NP_941049.1](#)

RefSeq Size: 3505 bp

RefSeq ORF: 1518 bp

Locus ID: 381085

Cytogenetics: 17 A3.3