

Product datasheet for **RN207340**

Tbc1d22b (NM_001025059) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbc1d22b (NM_001025059) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tbc1d22b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207340 representing NM_001025059
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGCCGCCGAGAACAGCAAGCAGTTCTGGAAGAGGAGCGCCAAGCTGCCGGGAGCATTAGCCCGTGT
 ATGGAGCCAGCACCCCTCCTCTGGACCCTCGGCTCACAAAAAATTCATCAAAGAACGGTCGAAAGTCAA
 CTCAGTTCCTCTGAAGAACAAGAAGGCCTCCAGTTTCCACGAGTTTGCCCGGAATACCACTGACGCTTGG
 GACATTGGCGATGATGAGGAAGAGGACCTTCTCACCCTCTCTCAAACCCTGAACTCGAAAGTGGCTT
 TGGCCACTGCAGCCCAAGTCTGGAACACAGCAAGCTGAGGGTGAAACCGGAACGGTCGAGTCGAC
 AACATCGGACGTCCCTGCCAACTACAAGGTCATAAAGTCCAGCAGTGACGCCAGCTGTCCCGAAATTCC
 AGTGACACGTGCCTGAGGAACACACTCCACAAACAACAGTCTCTCCCTCTCCGGCCATCATCCCTCTCG
 TCGCCCGGATCTCAGACCAGAATGCTTCTGGGGCCCTCCAATGACAGTCCGGGAGAAAAACCGCCTCGA
 AAAGTTCCGCCAGCTGCTTCAAGCCACAACACTGACTTAGATGAACTGAGGAAGTGGAGCTGGCCAGGC
 GTTCCAGGGAAGTTCGACCAAGTACCTGGAGACTGCTGTCCGGCTATCTCCCGCAAACACCGAGCGGC
 GCAAGCTGACCCTGCAGCGGAAGCGGGAGGAGTACTTTGGCTTCATTGAGCAGTATTATGACTCTCGGAA
 TGAAGAGCACCACAGGACACCTACAGACAGATTACATTGACATTCAAAGGACGAACCCCTCTATTCCC
 TTGTTCCAGCAGCCGCTCGTCCAGGAGATCTTTGAACGAATTCTCTTTATTTGGGCCATCCGACACCCTG
 CCAGTGGGTATGTCCAGGAATTAATGACCTGGTCACTCCGTTCTTTGTCGTCTTCTCTCGGAATACGT
 GGAAGAGGATGTGGAGAATTCGACGTGACCAACCTGTCTCAGGACATGCTGCGGAGCATTGAGGCCGAC
 AGCTTCTGGTGCATGAGCAAGCTCCTGGATGGGATCCAGGATAATTACAGTTTGCACAACAGGGATCC
 AGAAGAAGGTCAAAGCGCTGGAAGAGCTCGTCAGCCGGATCGATGAGCAGGTACACAGTCACTTCAGGAG
 GTATGAGGTGGAGTACCTGCAGTTTGCCTTCCGGTGGATGAACAACCTGCTGATGCGGGAGCTTCCCTG
 CGCTGCACCATCCGCTGTGGGATACCTACCAGTCTGAGCCAGAAGGCTTCTCGCACTTCCATCTCTACG
 TGTGCGCCGCTTCTTGATCAAGTGGAGGAAGGAGATTTGGATGAGGAAGACTTTCAGGGCCTCTCAT
 GCTGCTGCAGAACCTGCCTACGATCCACTGGGGCAACGAGGAGATCGGGCTGCTGCTGGCTGAGGCCTAC
 AGACTCAAGTACATGTTTGGGAGCGCCCCAACCACTACCGCCGATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001025059

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_001025059.1, NP_001020230.1

RefSeq Size: 3519 bp

RefSeq ORF: 1518 bp

Locus ID: 502414

Cytogenetics: 20p12