

Product datasheet for **SC315305**

TBC1D9B (NM_198868) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TBC1D9B (NM_198868) Human Untagged Clone
Tag: Tag Free
Symbol: TBC1D9B
Synonyms: GRAMD9B
Vector: pCMV6 series

Fully Sequenced ORF: >NCBI ORF sequence for NM_198868, the custom clone sequence may differ by one or more nucleotides

```

ATGTGGCTGAGCCCGGAGGAGGTGCTGGTGGCCAATGCGCTGTGGGTGACGGAGCGGGCC
AACCCCTTCTTCGTGCTGCAGCGACGCCGGGGCCACGGCAGGGGCGGGCCCTTACGGGT
CTTCTCGTGGGCACCCTGGACGTGGTGTGGACTCCAGTGCCCGCTGGCCCTTACCGC
ATCCTGCACCAGACCCAGGACTCCAGGTCTACTGGACAGTGGCGTGTGGTTCTTCCCGC
AAAGAGATCACAAAACACTGGGAATGGCTGGAAAATAACTTGCTCCAGACTGTCCATC
TTCGACAGTGAGGAAGATATCACACCTTCGTCAAGGGCAAGATACACGGAATCATCGA
GAAGAGACAAGAACCTGCAGCCCCAGGGAGACGAGGACCCCGGAAGTTCAAGGAGGCT
GAGCTGAAGATGCGGAAGCAGTTTGGGATGCCTGAGGGCGAGAAGCTGGTGAATTACTAC
TCCTGCAGCTACTGGAAGGGCCGCTGCCCGGCAAGGGTGGCTGTACCTGACGGTCAAC
CACCTGTGCTTCTACTCCTTCTGCTGGGGAAGGAAGTGAACCTCGTGGTGCAGTGGGTG
GACATAACCGCTTGGAGAAGAACGCCACCCTGCTTCCCCGAGAGCATCCGTGTGGAC
ACCCGCGACCAGGAGCTTCTTCTCCATGTTCTCAACATCGGCGAGACCTTCAAGTC
ATGGAGCAGTTGGCCAACCTGGCCATGCGGCAGCTGTGGACAGCGAGGGCTTCTGGAG
GACAAGGCCCTGCCTAGGCCATCCGGCCACACAGGAACATCTCAGCCCTGAAGCGAGAC
CTGGACGCCCCGAGCCAAGAATGAGTGTCTACCGAGCCAGTTCCGGCTGCCAGGGATGAG
CGGCTAGACGGCCACACAAGCTGCACCCTGTGGACGCCGTTCAACAAGCTGCACATCCCT
GGCCAGATGTTTCACTCCAACAACACTACATCTGCTTCGCCAGCAAGGAGGAGGACGCTTGC
CACCTCATCATACCCCTGAGGGAGTGACCATTGTGAAAAAGCTGACAGCTCCAGCGTG
CTGCCAGCCCCCTGTCCATCAGCACAAAAGCAAAATGACATTCTGTTTGCCAACCTG
AAAGACCGTGATTTCTTGGTGCAGAGGATCTCTGACTTCTCCAGAAAACACCATCCAAG
CAGCCAGGCAGTATCGGGAGCAGGAAAGCCAGTGTGTGGACCCTAGCACAGAGTCTTCC
CCAGCTCCTCAGGAGGGTGGAGCAGCCCGCCAGCCAGCCTCTCCCCTCAGCAGCCGC
CAGAGCTTCTGTGCGCAGGAGGCCAACCAGCATCCAGGGCCTGCTGAAGCTCTTCCAG
AAAACTCGCCATGGAGGACCTTGGAGCAAGGGGGCCAAGGAGAAGATGAAAGAGGAG
TCATGGCACATCCAATTCTCGAGTACGGGCGTGGCGTGTGCATGTACCGCACAGCCAAG
ACGCGGGCACTGGTCTGAAGGGTATCCCTGAGAGCCTCCGGGGAGAGCTGTGGCTCCTC
TTCTCCGGGGCTGGAATGAGATGGTACTCACCCGGTACTATGCTGAGCTGGTGGAG
AAGTCCACCGGAAGTACAGCCTGGCCACAGAGGAGATCGAGCGAGACCTGCACCCTCC
ATGCCCGAGCACCTGCCTTCCAGAACGAGCTGGGATTGCTGCCCTCCGGCGGGTGTCT

```



[View online »](#)

ACTGCCTATGCCTTCGAAACCCACCATCGGCTACTGCCAGGCAATGAACATCGTGACC
 TCGGTGCTCCTGCTCTATGGCAGTGAGGAGGAGGCCTTCTGGCTCCTGGTGGCCCTGTGC
 GAGCGCATGCTGCCCCACTACTACAACACCAGGGTGGTGGGAGCCCTGGTGGACCAAGGC
 ATCTTCGAAGAGCTCACGAGAGACTTCTGCCGAGCTCTCGGAGAAGATGCAGGACCTG
 GGGGTGATCTCCAGCATCTCGTGTCTGGTTCCTGACCCTTCTCCTCAGCGTCATGCC
 TTCGAGAGCGCCGTGGTTCATCGTCGACTGCTTTTTCTATGAGGGCATCAAGGTGATCCTG
 CAGGTGGCCCTGGCCGCTGGACGCCAACATGGAGCAGCTGCTGGGCTGCAGCGACGAG
 GCGGAGGCCATGACCATGCTGGGCAGATACCTGGATAATGTGGTCAACAAGCAGAGTGTC
 TCTCCTCTATCCCGCACCTCCGTGCCTTGTGAGCAGCAGCGATGACCCCTGCAGAG
 GTGGACATCTTTGAGCTCCTGAAAGTGTCTATGAGAAATTCAGCAGCCTGAGGGCCGAA
 GACATTGAGCAGATGCGGTTTAAACAGAGGCTGAAAGTGATCCAGTCTTGGAGGACAG
 GCCAAGAGGAGTGTGGTCCGAGCTATACCTGTGGACATTGGTTTTCCATTGAAGAGCTG
 GAGGACCTTTACATGGTGTAAAGGCCAAGCACCTGGCTAGCCAGTACTGGGGTGCAGC
 CGACAATGGCCGCGCTCGGGACCCAGCCTGCCCTACCTGGAGCAGTACCGGATTGAT
 GCCAGCCAGTTCGGGAACCTTTGCCAGCCTGACACCCTGGGCTGTGGCTCCACACA
 CCTCTGTGGCAGGGCGCATGTTCAAGGCTCCTGGACGAAAACAAGGACTCGCTGATCAAC
 TTCAAGGAGTTCTGTGACAGGGATGAGCGGGATGTACCACGGGACCTGACAGAGAAGCTC
 AAGGTGCTCTACAAGCTACACCTTCCCCAGCTCTGAGCCAGAGGAAGCCGAGTCAGCC
 CTGGAGGCGGCCATTATTTACAGAGGACAGCTCCTCAGAAGCATCTCCTCTGGCCTCA
 GATCTGGATCTTTTCTGCCCTGGGAGGCTCAAGAAGCACTACCACAGGAAGAGCAAGAA
 GGAAGTGAAGTGAAGGAGAGAGGAGAGGAGAAGGGGACCAGCTCTCCGGACTATCGGCAC
 TACCTTCGAATGTGGGCCAAGGAGAAAGAGGCTCAGAAGGAGACGATTAAGGATCTTCCC
 AAGATGAACCAGGAGCAGTTTATTGAGCTGTGCAAGACGTTTTACAACATGTTTCAGTGAA
 GACCCCATGGAGCAGGACCTGTACCACGCCATCGCCACCGTGGCCAGCCTCCTGCTCCGC
 ATCGGAGAGGTGGGAAGAAGTTCTCAGCCCGCACAGGCAGGAAGCCAGGGACTGTGCC
 ACTGAGGAGGACGAGCCACCAGCACCCGAACTGCATCAGGACGCAGCCAGGGAGCTTCAG
 CCCCCAGCTGCAGGAGACCCCCAAGCCAAAGCAGGCGGAGACACACCTCGGAAAAGCC
 CCACAGGAGAGCCAGGTGGTGGTGGAGGGGGGAGCGGCGAGGGACAGGGCTCACCTCC
 CAGCTGTGTCTGACGATGAAACCAAAGACGACATGTCCATGTCTCCTACTCGGTGGTC
 AGCACGGGCTCCCTGCAATGTGAAGACCTTGCAGACGACACGGTGTGGTGGGCGGGGAG
 GCCTGCAGCCCCACAGCGCGCATCGGCGCACCGTGCACACCGACTGGTGCATCTCCTTT
 GAGCAGATCCTGGCCTCCATCCTGACGGAGTCCGTGCTGGTGAATTCTTTGAGAAGAGA
 GTGGACATTGGACTCAAGATCAAGGACCAAAAGAAAGTGGAGAGACAGTTGAGCACCGCC
 AGTGACCATGAGCAGCCTGGAGTTTCCGGC

- Restriction Sites:** Please inquire
- ACCN:** NM_198868
- 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).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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_198868.2](#), [NP_942568.2](#)

RefSeq Size: 5189 bp

RefSeq ORF: 3753 bp

Locus ID: 23061

UniProt ID: [Q66K14](#)

Cytogenetics: 5q35.3

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 (a). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.