

Product datasheet for **SC127074**

TBC1D9B (BD127777) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TBC1D9B (BD127777) Human Untagged Clone
Tag:	Tag Free
Symbol:	TBC1D9B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for BD127777, the custom clone sequence may differ by one or more nucleotides

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TACAACACCAGGGTGGTGGGAGCCCTGGTGGACCAAGGCATCTTCAAGAGCTCACGAGAGACTTCTCTGC
CGCAGCTCTCGGAGAAGATGCAGGACCTGGGGTGATCTCCAGCATCTCGCTGTCCTGGTTCCTGACCC
CTTCTCAGCGTCATGCCCTTCGAGAGCGCCGTGGTCATCGTCTGACTGCTTTTTCTATGAGGGCATCAAG
GTGATCCTGCAGGTGGCCCTGGCCGTCTGGACGCCAACATGGAGCAGCTGCTGGGCTGCAGCGACGAGG
GCGAGGCCATGACCATGTGGGAGATACCTGGATAATGTGGTCAACAAGCAGAGTGTCTCTCCTCTAT
CCCGCACCTCCGTGCCTTGTGAGCAGCAGCGATGACCCCTGCAGAGGTGGACATCTTTGAGCTCCTG
AAAGTGTCTATGAGAAATTCAGCAGCCTGAGGGCCGAAGACATTGAGCAGATGCGGTTTAAACAGAGGC
TGAAAGTGATCCGGTCTTGGAGGACACGGCCAAGAGGAGTGTGGTCCGAGCTATACCTGTGGACATTGG
TTTCTCCATTGAAGAGCTGGAGGACCTTACATGGTGTAAAGGCCAAGCACCTGGCTAGCCAGTACTGG
GGGTGCAGCCGCACAATGGCCGGCCGTGGGACCCAGCCTGCCCTACCTGGAGCAGTACCGGATTGATG
CCAGCCAGTTCGGGAACCTTTGCCAGCTGACACCCTGGGCCGTGGCTCCCACACACCTCTGCTGGC
AGGGCGCATGTTCAAGCTCCTGGACGAAAACAAGGACTCGCTGATCAACTCAAGGAGTTCGTGACAGGG
ATGAGCGGGATGTACCACGGGGACCTGACAGAGAAGCTCAAGGTGCTCTACAAGCTACACCTTCCCCAG
CTCTGAGCCCAGAGGAAGCCGAGTCAAGCCTGGAGGCGGCCATTATTTACAGAGGACAGCTCCTCAGA
AGAAGCACTACCACAGGAAGAGCAAGAAGGAAGTGAAGTGAAGGAGAGAGGAGAGGAGAAGGGGACCAGC
TCTCCGGACTATCGGCACTACCTTGAATGTGGGCCAAGGAGAAAGAGGCTCAGAAGGAGACGATTAAGG
ATCTTCCCAAGATGAACCAGGAGCAGTTCATTGAGCTGTGCAAGACGCTTACAACATGTTCAAGTGAAGA
CCCCAGGAGCAGGACCTGTACCACGCCATCGCCACCGTGGCCAGCCTCCTGCTCCGATCGGAGAGGTG
GGGAAGAAGTTCTCAGCCCGCACAGGCAGGAAGCCAGGGACTGTGCCACTGAGGAGGACGAGCCACCAG
CACCCGAAGTGCATCAGGACGCAGCCAGGAGCTTCAAGCCCGAGCTGCAGGAGACCCCAAGCCAAAGC
AGGCGGAGACACACACCTCGGAACAGCCCAAGGAGAGCCAGGTGGTGGTGGAGGGGGGACGCGCGAG
GGACAGGGCTCACCTCCAGCTGCTGTCTGACGATGAAACAAAGACGACATGTCCATGTCTCTACT
CGGTGGTCAAGCAGGCTCCCTGCAATGTGAAGACCTTGCAGACGACACGGTGTGGTGGGCGGGGAGGC
CTGCAGCCCAAGCGCATCGGCGGCACCGTGCACCCGACTGGTGCATCTCCTTTGAGCAGATCCTG
GCCTCCATCCTGACGGAGTCCGTGCTGGTGAACCTTCTTTGAGAAGAGAGTGGACATTGGACTCAAGATCA
AGGACAAAAGAAAGTGGAGAGACAGTTCAGCACCCAGTGACCATGAGCAGCCTGGAGTTCCGGCTG
ATGCCTGCAGCTGTGAGGCTGGCCAAGGTGTCATCAGTGGGGTGGCCTCATCTCCTCCTGCCTTTCC
TCCCTTACAGTTTCTTTAAAGGTGTCCCTCCTGCTCTCCAGGAGCAGTGAAGTGTGAGTGGAAA
GAAGGCTGGTGCAGACCCAGCTGCCTTAGACAGATTCCCTGGGCCATCTCCTGGCGCCGGCTGCTTC
TGGGCCAGGAAGAGGCTGTGGCTCCCACCTTCTTACACCTGGTGGGAGCCCGCCTCGCACCAGCTGCA
CCTGCCTAGCATTAGAGGCTCTCAGATCTGCCCTTGTTCCTCATACCTCTGTGCTCCACTGCGGCC
AGGCCAGCTGAGTCCCTCCATCCGTGGATGCTTCTGTCAGCTATGTGGTATGGGGTATTCTCTGCCTC
TTGGCACCAAGTTGGGGGCATGTGCTTGTGGGACCAAGTGTGGAACCTCAGGTGCTCTCCGGGA
GCCTGAACCTCCTGACTGAGGAACATGGGACAGACATGTTTATTGCACAGAGTGGGCGCTGCGCACAGGC
GTGGCTGTACACGTGCTCAGCTCATCATCTTCCAGTAACTTAAAAAACATCCCTCAGGTCTCTGA
TATATTTCTTGGATTCACTTCACTTGGCTAGAAATTACACTGTGCTCAATGCCTTAATAAATCCCTG
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for BD127777 unedited</p> <pre>CCTTCTATAGGGCGGCCGAATTCGGCACGAGGGCCCTGTGCGAGCGCATGCTGCCCGA CTACTACAACACCAGGGTGGTGGGAGCCCTGGTGGACCAAGGCATCTTCGAAGAGCTCAC GAGAGACTTCTGCCGACGCTCTCGGAGAAGATGCAGGACCTGGGGGTGATCTCCAGCAT CTCGCTGTCTGGTTCTGACCCCTTCTCAGCGTCATGCCCTTCGAGAGCGCCGTGGT CATCGTCGACTGCTTTTTCTATGAGGGCATCAAGTGATCCTGCAGGTGGCCCTGGCCGT CCTGGACGCCAACATGGAGCAGCTGCTGGGCTGCAGCGACGAGGGCGAGGCCATGACCAT GCTGGGCAGATACCTGGATAATGTGGTCAACAAGCAGAGTGTCTCTCCTCTATCCCGCA CCTCCGTGCCCTTCTGAGCAGCAGCGATGACCCCCCTGCAGAGGTGGACATCTTTGAGCT CCTGAAAGTGTCTATGAGAAATTCAGCAGCCTGAGGGCCGAAGACATTGAGCAGATGCG GTTTANACAGAGGCTGANAGTGATCCAGTCCTTGGAGGACACNGCCAAGAGGAGTGTGGT CCGAGCTATACCTGTGGACATTGGTTTCTCCATTNAGAGCTGNANGACCTTNACATGGT GTTAAGGCCCAGCACCTGNCTAGCCAGTACTGGNGGTGCAGNCGACAATGGCCCGCGT CGGGACCCAGCCTGCCCTACCTGGAGCAGTACCGGATTGATGCCAGNCCATTCCNGNA ACTCTTTGCCAGCCTGACACCCTGGGCCCTGTGCTCCNACACACCTCTGCTGGCAGGGC GCATGNTCAGGCTCCTGNNACGAAACAGACTCGCTGATCACTTTCAAGANTCNTGACAAG GATGACCGGGATTACCCACGGGACCTGACGAGAAAGCTCAGGTGCTCTACAAGCTCCCTT NCCCACTGTAGCCANAGGAAGCGATCANCCTGGNAGCGCCATATT</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for BD127777 unedited</p> <pre>GGCCGCAATCTAGAGTCGAGNTTTTTTTTTTTTTTTTTTTTTTTTTTTTATTTCTTTTCAGGGATT TATTAAGGCATTGAGCACAGTGAATTTCTAGCCAAGTGAATGAATCCAAGGAAATATA TCAGGACCTGAGGGATGTTTTTTTAAAGTACTGGAAAGGATGATGAGCTGAGAGCACGT GTACAGCCACGCCTGTGCGCAGCCCACTCTGTGCAATAAACATGTTCTGCCCATGTTT CTCAGTCAGGAGGTTTCAAGCTCCCGGAGAGCACCTGAGGGTTCCATCACTTTGGTGCCCA ACAAGCACATGCCCCCAACCTGGTGCCAAGAGGCAGGAATGACCCCATACCACATAGC TGCAGGAAAGCATCCACGGATGGAGGGACTCAGCTGGCCTGGCCGAGTGTGGAGCACAG AGGTATGAGGCAAGCAAGGGCAGATCTGAGAGCCTGTAATGCTAGGCAGGTGCACCTGGT GCGAGGCGGGCTCCACCAGGTGTAAGGAAGGTGGGAGCCACAGCCTCTTCTGGGCC AGAAGCAGCCCGGGCAGGAGATGCAGCGCCAGGGAATCTGTTTAGGCAGCTGGGCCTGC ACCAACCTTCTTTCCCTCACAACCTCACTGCTCCTGGGAGAACAGGAGGGCCCAACCTT AAAGAGAAACCTGTCAAGGGACGAAAGGCCAGAGGAAATACGCCCCCACTGTGACC CCTTGGGCCAGGCCTTCAAGGTGCAAGGCTCAGCCCGAAACTCCAGCTTCTCCTGGCC CCTTGGGGGGCTGACTGGCTCTTCACTTTCTTGGCCCTGGACTTTAGCCACAGGCCA CTTTTTTTTCAAAAAGTTTCCCAACGGGCCCTCCCGGATGGAGGCCAGATCTTCTC AAGGCAACCTCATTCCGTTCCCAACGTCACCCCTTACCCCTTGGGGCCGCGCCT</pre>
Restriction Sites:	NotI-NotI
ACCN:	BD127777
Insert Size:	2620 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: [BD127777.1](#)

RefSeq Size: 2518 bp

RefSeq ORF: 2518 bp

Locus ID: 23061

Cytogenetics: 5q35.3

Domains: EFh

Gene Summary: May act as a GTPase-activating protein for Rab family protein(s).[UniProtKB/Swiss-Prot Function]