

Product datasheet for **SC318930**

TBC1D3 (NM_001123391) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TBC1D3 (NM_001123391) Human Untagged Clone
Tag:	Tag Free
Symbol:	TBC1D3
Synonyms:	PRC17; TBC1D3A; TBC1D3C; TBC1D3D; TBC1D3F; TBC1D3L
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_001123391 edited
 CAGTTACACACAGGCAGTGGTATCTGTGAGCAGCTCTGTGGACTCAAAGGTTTTCTCCCT
 GAGAGGCATGACCCAGGCCAGCTGATTCATCAGAAATCAGGATGGACGTGGTAGAGGTCGC
 GGGCAGTTGGTGGGCACAAGAGCGAGAGGACATCATTATGAAATACGAAAAGGGACACCG
 AGCTGGCTGCCAGAGGACAAGGGCCCTAAGCCTTTTCGAAGCTACAACAACAACGTCGA
 TCATTTGGGGATTGTACATGAGACGGAGCTGCCTCCTCTGACTGCGCGGGAGGCGAAGCA
 AATTCGGCGGGAGATCAGCCGAAAAGCAAGTGGGTGGATATGCTGGGAGACTGGGAGAA
 ATACAAAAGCAGCAGAAAAGCTCATAGATCGAGCGTACAAGGGAATGCCCATGAACATCCG
 GGGCCCGATGTGGTCAGTCCTCCTGAACATTGAGGAAATGAAAGTTGAAAAACCCCGAAG
 ATACCAGATCATGAAGGAGAAGGGCAAGAGGTCATCTGAGCACATCCAGCGCATCGACCG
 GGACATAAGCGGGACATTAAGGAAGCATATGTTCTTCAGGGATCGATACGGAAACCAAGCA
 GCGGGAACACTCCACATCCTCCTGGCATAAGAGGATAAACCAGGAGTGGGCTACTG
 CAGGGACCTGAGCCACATCGCCGCTTGTCTCCTCTATCTTCTGAGGAGGATGCATT
 CTGGGCACTGGTGCAGCTGCTGGCCAGTGAGAGGCACTCCCTGCAGGGATTTACAGCCC
 AAATGGCGGGACCGTCCAGGGGCTCCAAGACCAACAGGAGCATGTGGTAGCCACGTCACA
 ACCCAAGACCATGGGGCATCAGGACAAGAAAGATCTATGTGGGCAGTGTCCCGGTTAGG
 CTGCCTCATCCGATATTGATTGACGGGATCTCTCTCGGGCTCACCTGCGCCTGTGGGA
 CGTGTATCTGGTAGAAGGCGAACAGGCGTTGATGCCGATAACAAGAATCGCCTTTAAGGT
 TCAGCAGAAGCGCCTCACGAAGACGTCCAGGTGTGGCCGTGGGCACGTTTTTGAACCG
 GTTCGTTGATACCTGGCCAGGGATGAGGACACTGTGCTCAAGCATCTTAGGGCCTCTAT
 GAAGAACTAACAAAGAAAGCAGGGGGACCTGCCACCCCAAGCAACCCGAGCAAGGGTC
 GTCGGCATCCAGGCTGTGCCGGCTTACAGTGGCGGGAAGACCTCTGCAAGGGGGACAG
 GCAGGCCCTCCAGGCCACAGCCCGGTTCCCGCGGCCATTTGGTCAGCTTCCCGCC
 ACGGGCACCTCGTCTTCCACACCCTGTCTGGTGGGGCTGTCCGGAAGACACCTACCC
 TGTGGGCACTCAGGGTGTGCCAGCCCGCCCTGGCTCAGGGAGGACCTCAGGGTTCCTG
 GAGATTCTGCAGTGGAACCTCATGCCCCGCTCCCAACGGACCTGGACGTAGAGGGCCC
 TTGGTTCGCCATTATGATTTCCAGACAGAGCTGCTGGGTCGTGCCATATCCAGGAGGA
 CCAGCTGGCCCCCTGCTGGCAGGCTGAACACCCTGCGGAGCGGGTGAAGTCCGCTTTCGC
 TGCACCCAGCACTGATCCGACCAGGGCACCCCTTCCAGAGCTAGGGACGAACAGCAGTG
 TGCTCCACCTCAGGGCCTTGCCTCTGCGGCTCCACTTGAAAGTTCTCAGTTCCTCC
 AGGCTTCTAGAAGCATCTGGGCCAGGGCTCATGGCTGGATAATTTCCCTAGGCTTAACAA
 CCCAAGCAAGCTTCGCATCCTCGTTTTATTTTGGTTAAACTTATGAAAATGTATTAAGA
 AAGAGTGCAGCTCGAGAGAGATTAGAGATGGAACACACCAGACCCAGATCACAAAGCC
 AACCATGCCAGCCCTCCAGCACCCCAAGCCACGACCATCGTTCTGAATTCGACG
 ACACCGTGAAGCTGCCTTTGACTTCAAACCTCATGGAAGGATAACACCTTCATGTTTTG
 AAATAAATGTTTCTGTTGAAATGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_001123391
- Insert Size:** 2100 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).
- OTI Annotation:** The ORF of this clone has been fully sequenced and found to contain 2 SNPs compared with NM_001123391.1.
- 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_001123391.1](#), [NP_001116863.1](#)

RefSeq Size: 2305 bp

RefSeq ORF: 1650 bp

Locus ID: 729873

UniProt ID: [Q8IZP1](#)

Cytogenetics: 17q12

Gene Summary: Acts as a GTPase activating protein for RAB5. Does not act on RAB4 or RAB11.
[UniProtKB/Swiss-Prot Function]