

Product datasheet for **SC317937**

TBC1D3C (NM_001001418) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TBC1D3C (NM_001001418) Human Untagged Clone
Tag:	Tag Free
Symbol:	TBC1D3C
Synonyms:	PRC17; TBC1D3; TBC1D3A; TBC1D3D
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC317937 representing NM_001001418.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGACGTGGTAGAGGTCGCGGGCAGTTGGTGGGCACAAGAGCGAGAGGACATCATTATGAAATACGAA
AAGGGACACCGAGCTGGGCTGCCAGAGGACAAGGGCCTAAGCCTTTTCGAAGCTACAACAACAACGTC
GATCATTGGGGATTGTACATGAGACGGAGCTGCCTCCTCTGACTGCGCGGGAGGCGAAGCAAATTCGG
CGGGAGATCAGCCGAAAGAGCAAGTGGGTGGATATGCTGGGAGACTGGGAGAAATACAAAAGCAGCAGA
AAGCTCATAGATCGAGCGTACAAGGGAATGCCATGAACATCCGGGGCCCGATGTGGTCAGTCCTCTG
AACACTGAGGAAATGAAGTTGAAAAACCCCGGAAGATACCAGATCATGAAGGAGAAGGGCAGAGGTCA
TCTGAGCACATCCAGCGCATCGACCGGGACGTAAGCGGGACATTAAGGAAGCATATATTCTTCAGGGAT
CGATACGGAACCAAGCAGCGGAACTACTCCACATCCTCTGGCATATGAGGAGTACAACCCGGAGGTG
GGCTACTGCAGGGACCTGAGCCACATCGCCGCCTTGTTCCTCTATCTTCTGAGGAGGATGCATTC
TGGGCACTGGTGCAGCTGCTGGCCAGTGAGAGGCACTCCCTGCAGGGATTTACAGCCCAAATGGCGGG
ACCGTCCAGGGGCTCCAAGACCAACAGGAGCATGTGGTAGCCACGTCACAACCAAGACCATGGGGCAT
CAGGACAAGAAAGATCTATGTGGGCAGTGTCCCGGTTAGGCTGCCTCATCCGGATATTGATTGACGGG
ATCTCTCTCGGGCTCACCTGCGCCTGTGGGACGTGTATCTGGTAGAAGGCGAACAGGCGTTGATGCCG
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GCATCCAGGCCTGTGCCGGCTTACGTGGCGGGAAGACCCTCTGCAAGGGGGACAGGCAGGCCCTCCA
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CCCTGTCTGGTGGGGCTGTCCGGGAAGACACCTACCCTGTGGCACTCAGGGGTGTGCCAGCCCGGCC
CTGGCTCAGGGAGGACCTCAGGGTTCCTGGAGATTCTGCACTGGAACCTCATGCCCGCCTCCCAACG
GACCTGGACGTAGAGGGCCCTTGGTTCGCCATTATGATTTAGACAGAGCTGCTGGGTCCGTGCCATA
TCCCAGGAGGACCAGCTGGCCCTGCTGGCAGGCTGAACACCCTGCGGAGCGGGTGAATCGGCTTTC
GCTGCACCAGCACTGATTCGACCAGGGCACCCCTTCCAGAGTGGGACGAACAGCAGTGTGCTCCC
ACCTCAGGGCCTTGCTCTGCGGCCTCCACTTGGAAAGTTCTCAGTTCCTCCAGGCTTCTAG
ACGGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: Sgfl-Mlul

ACCN: NM_001001418

Insert Size: 1650 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: 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_001001418.6](#)

RefSeq Size: 2105 bp

RefSeq ORF: 1650 bp

Locus ID: 414060

UniProt ID: [Q8IZP1](#)

Cytogenetics: 17q12

MW: 62.2 kDa

Gene Summary: This gene represents one of a cluster of related genes found on chromosome 17. The proteins encoded by this gene family contain a TBC (Tre-2, Bub2p, and Cdc16p) domain and may be involved in GTPase signaling and vesicle trafficking. [provided by RefSeq, Apr 2014]