

Product datasheet for **SC113297**

TBC1D16 (NM_019020) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TBC1D16 (NM_019020) Human Untagged Clone
Tag:	Tag Free
Symbol:	TBC1D16
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 NM_019020, the custom clone sequence may differ by one or more nucleotides

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ATGTCTCTGGGCCGCTCCTTCGAGGGCCTCTCCAAAGCCTCGGACCTCTGACCCTCACCCCCGGTG
GCAGCGGCAGCGGGTCCCCCTCTGTCTGGATGGAGAGATCATCTACTCCAAGAACAATGTCTGCGTGCA
CCCGCCGAGGGGCTGCAGGGGCTGGGGGAGCACCACCCAGGTTACCTGTGCTTGTACATGGAGAAGGAT
GAGATGCTGGGAGCCACCCTCATCTGGCATGGGTCCCCAACTCTCGCATCCAGAGGCAGGACGAGGAGG
CCCTGCGCTACATCACACCCGAGAGCTCCCCCGTTTCGCAAGGCACCCCGCCCTCGGGGCCGGCGACCCG
GAGCTCAGGAGCCTCCCACGAGCCTCCCCGACGGAGCTGCGGCCTACCCTGACCCCAAAGATGAGGAC
ATCCTGGTGGTGGCCAGAGTGTTCAGACCGCATGCTCGCCAGCCCTGCGCCAGAGGATGAGGAGAAGC
TGGCGCAGGGCTTGGGGTGGATGGTGCCAGCCAGCCTCGCAGCCTGCTTGACAGCCCTCCGGGATCTT
GTCGACGGTCAGTCCGACGAGTGTACCCGAGGAGGGGCGGAGCCGCGGCCGAGGCCGGGAGGAGGAT
GGCTCTTTGGAAGTGTACCCGAGGGCGTGAGCAGAGACAGCTCCTTTGACTCAGACTCAGACACCTTCT
CCTCGCCCTTCTGCTCTCGCCATCAGCGCGGCGCTGGCCGAGAGCCGCGGCTCCGTGTTTCTGAAAAG
TGACAGAGCCCCCGCTCCAGCTCCGACGCCGGCTGCGGTTCCCGGACAGCAACGGCCTCTGACAGACC
CCACGCTGGGACGAGCCGAGCGGGTGTGCGCCCTGGAGCAGATTTGCGCGGTGTTCCGCGTGGACCTGG
GCCACATGCGCTCCCTCCGCCTTTTCTTCAGCGACGAGGCTGCACCAGCGGCCAGCTGGTGGTGGCAG
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CAGTGGAATACTGCACCGAGATGCAGCTCAAAGACCAGCAGGTGCGCCCCGATAAGACATGCATGCAGT
TCTCCATCCGCCGCCCAAGCTGCCGTCTCCGAGACGACCCCGAGGAGAGCATGTACAAGAGGCTCGG
CGTCTCCGCTGGCTCAACCACCTGAATGAGCTGGGCCAGGTGGAGGAGGAGTACAAGCTGCGGAAGGCC
ATTTTCTTTGGCGGTATTGATGTGTCAATCCGCGGGGAGGTCTGGCCCTTCTGCTGCGCTATTACAGCC
ACGAGTCCACGTGCGAGGAGCGGGAGGCGCTGCGGCTGCAGAAGCGAAAGGAGTACTCTGAGATCCAGCA
GAAAAGGCTCTCCATGACTCCCGAGGAGCACAGAGCGTTCTGGCGTAATGTGCAGTTCACTGTGGACAAA
GACGTGGTCCGGACAGATCGGAACAACAGTCTTCCGGGGGGAAGACAATCCCAATGTGGAGAGCATGA
GGAGGATCCTGCTGAAGTACGCCGTGTACAACCCTGCCGTGCGCTATTCCCAAGGATGTCGGACCTGGT
GGCGCCCATCTTGGCCGAGGTCTGGATGAGTCAGACACCTTCTGGTGCTTTGTGGGTTTGATGCAGAAC
ACGATCTTCGTGAGCTACCCCGGGACGAGGACATGGAGAAACAAGTGTGTACCTGCGCGAGCTGCTGC
GGCTGACGCACGTGCGCTTCTACCAGCACCTGGTCTCGCTGGGCGAGGACGGCTGCAGATGCTCTTCTG
CCACCGCTGGCTCCTTCTGTGCTTCAAGCGGGAGTTCCCCGAGGCCGAAGCGCTGCGGATCTGGGAGGCC
TGCTGGGCCCCTACCAGACGGAAGTCTCCACCTTTTCTGCTGCGTGGCCATCGTGGCCATCTACGGGG
ATGACGTGATCGAGCAGAGCTGGCCACGAGCAGATGCTCCTGCACTTCGGAACCTGGCCATGCACAT
GAACGGGGAGCTCGTTCTCCGGAAGGCGAGGAGTTTGTGTACCAAGTTCGCGCTCTGCCCCGGATCCCC
TGCAGCCTGCACGATCTGTGAAGCTGTGCGGGTCAGGCATGTGGGACAGCGGCTCCATGCCCGCGGTGG
AGTGCACCGGCCACCATCCCGGCTCGGAGAGCTGTCCCTACGGGGGCACGGTGGAGATGCCTTCCCCCA
GTCCCTGAGGGAAGGCAAGAAGGGCCAAAGACGCCGAGGACGGCTTCGGCTTCCGAGATAG

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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_019020 unedited <pre> AGATTTTGTAAACGACTCACTTATAGGGCGGCCGCAATTTCGCACGAGGGCTGGCGTAC GTGTGTGCGCATACTTAAAGTTGATGCGTGGTGCAGCTCTGCTGCTAATGTCTGCTGACA GCGTCGCCCCGATGTTGCTCAGGGCCTCTGGGAAGAGGGGACACCTTTGATGTGGGCGTGC TGGCACCCAAGAGGCAGCGTGGTCAGGCTCGATGCTTGCCAGCCCTGGAAGGTCCCGCCA GGGTTGGGGGGTGGGTGAGCACTCAGAGATCTGGGAGGAAGCGAGGAGCCTGGTGTCC TCACCAGGTGCAGAGGGGAAATGCGTACTGCTCCAGAAGGTTCTGACTCAAGTCTCGGCC CTGAGGACTCAGAACTCACAAGTCATGGATCAAGTACAGAGGGAGGGAGGGCCCCAGCCC ACCCCTGCGGGGAGGAGGAGGGTCTGAAGGTGGGAGGGCAGCTCCATGAGCAGCCACTG TTCCTGACCAGCCGAAGTGCCAGGCAGGGGGAGGTTTCCATGTCCAGGAGGGAGAGGACC TCCACCCTCTGACCTTTCACTTTTCCATAGCAGCCAGTGTGAAGCTCGGCGGGGGTGGG CAGGGCATCAGGACAAGATGAAGATGCTGGCTCTGGAATGAGGACTCCCCTTNGCTAAG GGGTAGTGGCTGGCAGAGTTGCCAGCTCTTTGGAGGCCACAGGAATAGAGGTGGNG TGGCAACAGGAAATAGGGTGTGGGCTGTAGACATAGTGGGGGGGTGGTCTCCGTTCC TGTGAGCCCGCCCCCTGAGCCCCCTCGTTTGCTTCTTGTGGCAGAATAAATGTGGGGC CCCAGCCCTAGAGATGGGAATCTGCCACGCTGTGCCTCTGGGGAAGAACTTGCTCCTG TGCAGCCTCCCTTCTTGGGGTGGGGGCTGGGGGCCAAGCTCN </pre>
Restriction Sites:	ECORI-NOT
ACCN:	NM_019020
Insert Size:	2450 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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:	<u>NM_019020.1, NP_061893.1</u>
RefSeq Size:	10956 bp
RefSeq ORF:	10956 bp

Locus ID: 125058

UniProt ID: [Q8TBP0](#)

Cytogenetics: 17q25.3

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 longest transcript and encodes the longest isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.