

Product datasheet for **SC102996**

TBC1D16 (AK091923) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TBC1D16 (AK091923) 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 AK091923, the custom clone sequence may differ by one or more nucleotides

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TTATTGAGCCTTGGCTGCCGGGGCTCTGGTTTCAGGAAAAGCCTCAGTCCTGCATTTGTGAATTTTAAAG
GAGGCAAAACAAGGTGAATTTGACCTTGCTAGGAGTGGGAGTTAGGGAATTCAGGCTGCCCTACCAAGC
CCTTGGAACCGTGCAGCAGGGGTGAGGGGAGGGATGGGCAAGGCGGTTTGGCCCATGGAGCAGGTCTCC
TGGTCCTCCCGGAGCACGGGGGGCGGGGAGCTCCAGCTCTTCATCAAGCGCCCTTTGGGGTTTCCAACGTG
TTTTCTGTGTTCTCTGTGTGTCTTTTCCCTTTTGCCTGGGGGCGGGGCTGGAGGGGAACATACCTCT
TATCTACATCACTCGGGTCTCATGTCTGAAGGGCTGTCTCACCTGCCACCTACCTGGCCTTGGCCTCGA
CATCTGAGCACCTCATCACCTCTCTCCACATGCCAGGGGTGCCCTCCCAAGGCTGGCTGGGCAGGTC
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ACAACCCACCTCAGGCCACCACTGGACCTGTCTGCCAAGAAGGTCCCTTCCAATTTGTCCGGCAGCT
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CACAGGCTCCAGAGGGGAAGTTCTCTGGGTCTTCTATGAGAGAGCATCTGTCTGCAGCCCTGTTCTG
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5' Read Nucleotide Sequence:

>OriGene 5' read for AK091923 unedited
 ATATTTTGTATACGACTACTATAGGCGGCCGGAATTCGGCACGAGGGCAGCTCCGGACC
 TCAGGCCCCCCCCACAGGCGGCGATGGAGGGTGTGGGAGAATTGACGAGTGCTCGCGGGG
 TCTCACTCGGGAAAGGGCCGGTTAACTCTGAGCAACTGGGAGCCTCGCTCCCACCCCACT
 GCCTGGAAACACAAACAGTATTTTATTGAGCCTTGGCTGCCGGGGCTCTGGTTTCAGGAA
 AAGCCTCAGTCTGCATTTGTGAATTTTAAGGAGGCAACAAGTGAATTTGACCTTCC
 TAGGAGTGGGAGTTAGGGAAAATTCAGGCTGCCCTACCAAGCCCTTGAACCGTGCAGCA
 GGGGTCAGGGGAGGGATGGGCAAGGCGGTTTGGCCCATGGAGCAGGTCTCCTGGTCCTC
 CCGGAGCACGGGGGGCGGGGAGCTCCAGCTCTTCAAGCGCCCTTTGGGGTTTCCAAC
 TGTTTTCTGTTGTCTGTGTCTTTTCCCCTTTTGCCTGNGGGCGGGGGCTGGAGGG
 GAACATACCTCTTATCTACATCACTCGGGTCTCATGTCTGAAGGGCCTGTCTCACCTGCC
 ACCTACCTGGCCTTGGCCTCGACATCTGAGCGCCTCATCACCTNCTCTCCACATGCCAG
 GGGTCCCCCTCCAAGGCTGGCTGGGCANGTCCCACGGACTANGCCCCCAGGAGAGCAGT
 GGGCTTCCCCCAGGAAAGAGCAGAGCCAGCACTGNCTGCCCTAGGAGGCACCCACTACCC
 AGCTGGCTGGTGCCTCCGTTTAAGAAATCTTGTCTGTGGGAGTGGGAGTGGCTCCCCA
 TCCTGCCTGGAAGCACGTNCTGGCTCTTACGTGGACTCTGCACAGNCGTGGTGCCACATG
 AANATGAGGAACCTGTTGCTCAGGGCCCNATGATGTTACCGCTTCAGGACGGGACTGGGCA
 GCCANCTCTCAGAAGGATATCCC

3' Read Nucleotide Sequence:

>OriGene 3' read for AK091923 unedited
 ATTATGTACCGCGCCGCTTTCTANGATCGATTATTTTCTTTTTTTTATTATCCTTCAG
 TCTTTATTTTAAATAAGGCCCTGTCTTTACCCTCCCAAATACTTTTAGACATTTTCCT
 TCTGCCCAGAATCCTCTGCCCGGTCCCCTGTAGCTAGTGTCCAGACACTGGTCACAGACC
 TCCACTGAGCCCAGTTAGAGCGCTGACCTCCCATCTCAGGACTTCTTGGCCCTTGCCCAT
 TGCCATACTCTACTGTCAGATTTTAAACTGCTAGACCATGTGCCAATTCACATTGACTT
 GTAGCCACTAGGACCCTGTGTCTTTTCTATTGTGCTTGTTCATGGCCAGGAATCAACGA
 ACTTTGGACAGACAATCAGTAGACTTTGGGTGTGGCCTTGGTGAAGGCTTCCCACTTTGG
 TGACTTGCATGTGCCCTCTTTGTTGAGGGGGTTTTGAAGCAGCTTCTGCGTCATTGGGA
 GCTGGCTGCTGCGCCAGCCTGAGGCCCTGGACCCCTTTTGACCATCCTAATTTCAACA
 TCCAGATGTCAATTCAGAAAATTATTATATCATTCTAATGACTCAAAACATAAAATCCCC
 TCTTTTGTCTCATGTTGAAGAGCTGATGACATCGGACCTATCANGTCAGACTTTTATTTCC
 TAGTCAGAGACTGAATGGCATTTTTTCAAGCACTTCGTCTAAATTGCATGGCACACACC
 CCCANGAGCCCAAGATCTGGGTTGTCTCTTGTAGATGCAGAGAGGANGCCCCCAGTGCN
 GAGGGGTGAAAGGNAGAGAGCCACCACTNCCGAGCATCAGAATGTCAAATCTAGTTTT
 CCACNGAGTCAGCAGCAGGTGTCTCCTGGTCTGGAGAGGCATGNAAGTGCCACCACTG
 GACTTCTCTGGNTGATGTGAGGNAGGTGATNGAACTGNAGAAGGGGGCTGGCTTGAAC
 TTCG

Restriction Sites:

NotI-NotI

ACCN:

AK091923

Insert Size:

3200 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: [AK091923.1](#)

RefSeq Size: 2819 bp

RefSeq ORF: 2819 bp

Locus ID: 125058

Cytogenetics: 17q25.3

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