

## Product datasheet for **SC123805**

### **TBC1D16 (BC000248) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	TBC1D16 (BC000248) Human Untagged Clone
Tag:	Tag Free
Symbol:	TBC1D16
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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**Fully Sequenced ORF:** >OriGene sequence for BC000248 edited  
 GTGGGCAGGGCATCAGGACAAGATGAAGATGCTGGCTCTGGAATGAGGACTCCCCTTGGG  
 CTAAGGGGTAGTGGCTGGCAGAGGTTGCCAGCTCTTTTGGAGGCCACAGGAATAGAGG  
 TGGGGTGGTGCTCCGTTCTGTGAGGCCCGCCCCCTGAGCCCCCTCGTCTGCTTCTTG  
 TTTGGCAGAAATAGATGTGGGGCACAGCCCCTAGATGATGGGAATCTGCCAAGCTGTGC  
 CCTCTGGGGAATGAAATCTTCTCCTCGTGCAGCTTCCCCTTTCCCTTGGGGGTGGGGG  
 CTGGGGTGGCAAGGCTCCACCCTTGGAGGGGGTGTCTGGGGGTGCCAAGGCTCCACCCT  
 TTGCTCGCTGGGCAGAGGAAGGAAGCACCTCCCTGTATGCTCTGCAGGGCCCCCTGCAG  
 GCCACTTTGCCTCAGAGGAAGGAGGAGAGGTCCCCTGGGAAAATGCGCACACACACACAC  
 ACACACACACACACACACGCACATGCACACACGCACGCATGCACACACACACACACAT  
 ATGTGCAGGGGTGCAGCCTAAGTCAGTGGAGCCAGGACTGGTGCAGCTGGGCCTGCC  
 CCATTCTGGAGTCCCAGGGAATGAGCCTCAGGATCCACTTCGTCCCTGTTTCTAAGC  
 CAGGCTGCACGGCCGTTCTGGGTGTGAAAGCATTCTGCCTGTCTCCAGTCAGAGGGAA  
 CCGCCCCAAACTAGAAAGCTAATTTCCCCGAAGGTTTATGAAGCCAGAGGCATGCCCT  
 TGGGGGTTGGTGGGAGAAGGGTGAAGGCAGTGTGGAAGGGGCCTGGCCCCGCTG  
 CCTGCGATTCTCCCCGGGTATGTGGCCTTCTGCCTCCTCAGCCTCAGTTTCTCACCTG  
 TAACATGAGAATAATGATGCCTGCCTGCCAGGCCACCTCCTGGGAGTGCATTGGGGACT  
 CTAAGTGTAAAAGTGCATGAGGATGGTTATGAAGTCCCAGGGACCACCTGCCACTC  
 AGGGAAGAGACCCTGACCTCAGCCATCAGCCGTGTGCATCGTAGAGGGCAGCGAGCTCA  
 GGACGGAGAGCTCTCCCTTGGTTCGGAGTCAGCACACCTGCACTCCACACGCCCCACCA  
 GCTGTGTCTCCCGCCGAGGGCGAGCCTCTCTGTGACTTTCTGTAATAATGCACCCCAT  
 TCTGCCACTCCTGCCACGAGACCCATCCTCTGCGATCCCAGGCATGTGTGTGTGAA  
 TGCAATGTGCAAAAGCTCTCCATCAGAAGGGTGGTGTGGCCCTGCAGGTCCTACCCCTCG  
 CCTTGAAGCTCCCTCGGGTGGCGACTCTGCCTCCTGGGTCTGAGCATTAGAACCAGGAG  
 AGGGGTGTCCCTGGGCAGAGCCAGGGGTGCAAACAGCCTGCAGCCATCTGGCCTTTTAAG  
 TATAGTGTGTCGATTTCCGGGTAGGAAGGTAGCATTTCAGTTCAAAGAGAGGTCAAGT  
 CATGCAACCATCTTCTCCAGCACTTTTGGGGTAAGGAGGACAGTTTTTGTATGGTTT  
 AGGGGAAATTTTTCATGAAATTTCCACCATTACCAATAGATTACTGATGCCATGGCAAGT  
 GATCTGTTCTTGGTATTTTGTGTTTGTGTTTGTGTTTAAATGTAATCACCCATTGG  
 TCAGGCCAGGACTGGTACCATGAGCTCTGCTAGCCACGGCCCCAACGATGCTTCCGGC  
 TCTCATGGATTCCACAGCAAATAAAACTGTACTGACAACAAAAAAAAAAAAAAAAAAAAA

**5' Read Nucleotide Sequence:** >OriGene 5' read for BC000248 unedited  
 NTTTGAGCACATTTTGTAAATACGACTGCACTATAGGGCGCCGGAATTCGGCACAGGG  
 TGGGCAGGGCATCAGGACAAGATGAAGATGCTGGCTCTGGAATGAGGACTCCCCTTGGGC  
 TAAGGGGTAGTGGCTGGCAGAGGTTGCCAGCTCTTTTGGAGGCCACAGGAATAGAGGT  
 GGGGTGGTGCTCCGTTCTGTGAGGCCCGCCCCCTGAGCCCCCTCGTCTGCTTCTTGT  
 TTGGCAGAAATAGATGTGGGGCACAGCCCCTAGATGATGGGAATCTGCCAAGCTGTGCC  
 CTCTGGGGAATGAAATCTTGTCTCCTCGTGCAGCTTCCCCTTTCCCTTGGGGGTGGGGG  
 TGGGGGTGCCAAGGCTCCACCCTTGGAGGGGGTGTCTGGGGGTGCCAAGGCTCCACCCT  
 TGCTCGTGGGCAGAGGAAGGAAGCACCTCCCTGTATGCTCTGCAGGGGCCCTGCAGG  
 CCACTTTGCCTCAGAGGAAGGAGGAGAGGTCCCCTGGGAAAATGCGCACACACACACACA  
 CACACACACACACACACGCACATGCACACACGCACGCATGCACACACACACACACATA  
 TGTGCAGGGGTGCAGCCTAAGTCAGTGGAGCCAGGACTGGCTGCGCAGCTGGGCCTGCC  
 CATTCTTGGAGTCCCAGGGAATGAGCCTCAAGATCCACTTCGTCCCTGTTTCTAAGCC  
 AGGCTGCACGGCCGTTCTGGGTGTGAAAGCATTCTGTCTGTCTCCAGTCAGAGGGAA  
 CGCCCCAAACTAGAAAGCTAATTTCCCCGAAGGTCATGAAGCCAGAGGCATGCCCTTGG  
 AGGTTGGTCCGG

**Restriction Sites:** Please inquire  
**ACCN:** BC000248

<b>Insert Size:</b>	1797 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC000248.1</a></u> , <u><a href="#">AAH00248.1</a></u>
<b>RefSeq Size:</b>	1797 bp
<b>Locus ID:</b>	125058
<b>Cytogenetics:</b>	17q25.3
<b>Gene Summary:</b>	May act as a GTPase-activating protein for Rab family protein(s).[UniProtKB/Swiss-Prot Function]