

## Product datasheet for **SC318418**

### **TBC1D2B (NM\_015079) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	TBC1D2B (NM_015079) Human Untagged Clone
Tag:	Tag Free
Symbol:	TBC1D2B
Vector:	<u><a href="#">pCMV6 series</a></u>



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_015079, the custom clone sequence may differ by one or more nucleotides

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ATGCCGGGGCCGGAGCCCGGGCGGAGGAGGGCGGCGGCGGGCGAGGGCGGGCGCAG
GGGGCGGCGCGGAGCCCGGGCGGGTCCGGCGCGGGAGCCAGCGCGGCTGTGTGGCTAT
CTGCAGAAAGTGTCCGGCAAGGGCCCCCTGCGTGGCTACCGCAGCCGCTGGTTCGTGTT
GACGCGCGCCGCTGCTACCTTTACTATTTCAAGAGTCCGCAGGACGCGCTGCCCTCGGC
CACTTGGACATCGCGGACGCTGCTTCCAGGTGCACAGCGCGGGAGCCGTACGGTGCTCAAG
GGCAGGAGCCGCGCCGCACTTCCAGGTGCACAGCGCGGGAGCCGTACGGTGCTCAAG
GCTCCCAATCGTCAACTCATGACTTACTGGTTACAGGAGCTTACAGAGAAGATGGGAA
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TTTCTAAGGGTCTGTAGCCAGAGATAAACTGATTTAATTTACCCACACCCAAATGCT
TCTGCAGAAAAAGCCAGAAATGCTTAGCTGTGGAGACTGTGCCTGGAGAGCTGGTGGGA
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AATGATAGTCGGAGGACTGTGTTTTATACCAATGAAGAGTGGAACTTTAGACCAACC
CCTAAGGACCTAGAGGAGTCCATAGTACAGGAAGAAAAGAAGAAGCTGACCCCTGAAGGA
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AAGCGCCCTTTGAAAGACATAATTGGGTGCTACAAAAATCGTACAGCAGTGGTGAACCT
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CAACTGCAGGTCCAGAGCCAGCAGGAAGAGCTGGAACAGTTAAAGAAAGACCTGTCCAGT
CAGAAGGAGCTTGTTCGACTGCTCCAGCAGACAGTCCGGTATCCAGTATGACAAGTAT
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GCCTTCTCTGGCGGAATCCAGATATCGGCTACTGTCAAGGCCTAACAGGTTGGTGGA
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TCGATGTCTATATTTAAGTATCTCCGCTACTTCACTCGCACTATCCTTGTAGTGAAG
CTGATCAGTATCTCCTTTGGGGACTGAACCTTTCCCTTACGCCAGATCCGGAACCGA
CGCGCCTACCACTTGGAGAAAGTCCGGCTGGAGCTGACCAGCTGGAGGCCATCCGTGAG
GACTTCTGCGTGAGCGGGACACCAGCCCTGACAAGGGTGGAGTGGTCAAGTACGAGGAG
GAGGATACC

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<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_015079
<b>Insert Size:</b>	6035 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>OTI Annotation:</b>	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.
<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>	<a href="#">NM_015079.4</a> , <a href="#">NP_055894.5</a>
<b>RefSeq Size:</b>	6035 bp
<b>RefSeq ORF:</b>	2892 bp
<b>Locus ID:</b>	23102
<b>UniProt ID:</b>	<a href="#">Q9UPU7</a>
<b>Cytogenetics:</b>	15q24.3-q25.1
<b>Domains:</b>	TBC
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	May act as a GTPase-activating protein.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 3' UTR and 3' coding region due to the use of an alternate splice site in the terminal exon, compared to variant 1. The resulting protein (isoform b) has a shorter and distinct C-terminus, compared to 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 extent of this transcript is supported by transcript alignments.