

Product datasheet for **SC327168**

TBC1D15 (NM_001146214) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TBC1D15 (NM_001146214) Human Untagged Clone
Tag:	Tag Free
Symbol:	TBC1D15
Synonyms:	RAB7-GAP
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_001146214, the custom clone sequence may differ by one or more nucleotides

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ATGTGTCCAGGACTTTATCCATACTCCAGTTTGTGGAGTATGGTAGGAGTATGATTATA
TATGAACAAGAAGGAGTATATATCACTCATCTTGTGGAAAGACCAATGACCAAGACGGC
TTGATTTACAGGAATATTACGTGTTTTAGAAAAGGATGCCGAAGTAATAGTGGACTGGAGA
CCATTGGATGATGCATTAGATTCTCTAGTATTCTCTATGCTAGAAAAGGACTCCAGTTCA
GTTGTAGAATGGACTCAGGCCCCAAAAGAAAAGAGGTCATCGAGGATCAGAACATCTGAAC
AGTTACGAAGCAGAATGGGACATGGTTAATACAGTTTCATTTAAAAGGAAACCACATACC
AATGGAGATGCTCCAAGTCATAGAAATGGGAAAAGCAAATGGTCAATTCCTGTTTCAGTTTG
ACAGACCTGAAATCAATCAAGCAAAAACAAAGAGGGTATGGGCTGGTCCTATTTGGTATTC
TGTCTAAAGGATGACGTCGTTCTCCCTGCTCTACACTTTCATCAAGGAGATAGCAAATA
CTGATTGAATCTTTGAAAAATATGTGGTATTGTGTGAATCTCCACAGGATAAAAAGAACA
CTTCTTGTAATTGTCAGAATAAGAGTCTTTCACAGTCTTTTGAAAATCTTCTTGATGAG
CCAGCATATGGTTAATACAAAAATTTAAAAGGACCCTTATACGGCAACTATGATAGGA
TTTTCAAAGTCACAACTACATTTTTGACAGTTTGAGAGGCAGCGATCCCTCTACACAT
CAACGACCACCTTCAGAAATGGCAGATTTTCTTAGTGATGCTATTCAGGTCTAAAGATA
AATCAACAAGAAGAACCAGGATTTGAAGTCATCAAGAATTGATTTGGGGGAACGCCCT
GTTGTTCAAAGGAGAGAACCAGTATCACTGGAAGAATGGACTAAGAACATTGATTCTGAA
GGAAGAATTTTAAATGTAGATAATATGAAGCAGATGATATTTAGAGGGGGACTTAGTCAT
GCATTGAGAAAAGCAAGCATGGAATTTCTTCTGGGTATTTTCCCTGGGACAGTACCAAG
GAGGAAAGAACCAATTACAAAAGCAAAAACTGATGAATACTTCAGAATGAACTGCAG
TGGAAATCCATCAGCCAGGAACAAGAGAAAAGAAATTCGAGGTTAAGAGATTATAGAAGT
CTTATCGAAAAAGATGTTAACAGAACAGATCGAACAAACAAGTTTTATGAAGCCAAGAT
AATCCAGGGTTGATTTTACTTTCATGACATTTTGATGACCTACTGTATGTATGATTTTGT
TTAGGATATGTTCAAGGAATGAGTGATTTACTTTCCCTCTTTTATATGTATGGAATAA
GAAGTGGATGCCTTTTGGTGCTTTGCCTCTTACATGGACCAAATGCATCAGAATTTGAA
GAACAAATGCAAGGCATGAAGACCCAGCTAATTCAGCTGAGTACCTTACTTCGATTGTTA
GACAGTGGATTTTGCAGTTACTTAGAATCTCAGGACTCTGGATACCTTTATTTTTGCTTC
AGGTGGCTTTTAAATCAGATTCAAAAGGGAATTTAGTTTTCTAGATATTCTTCGATTATGG
GAGGTAATGTGGACCGAACTACCATGTACAAATTTCCATCTTCTCTGTTGTGCTATT
CTGGAATCAGAAAAGCAGCAAATATGGAAGCATTATGGCTTCAATGAAATACTTAAG
CATATCAATGAATTGTCCATGAAAATTGATGTGGAAGATACTCTGCAAGGCAGAAAGCA
ATTTCTCTACAGATGGTAAAATGCAAGGAATTGCCACAAGCAGTCTGTGAGATCCTTGGG
CTTCAAGGCAGTGAAGTTACAACACCAGATTCAGACGTTGGTGAAGACGAAAATGTTGTC
ATGACTCCTTGTCTACATCTGCATTTCAAAGTAAATGCCTTGCCTACACTCTCTGCCAGT
GGAGCCAGAAATGACAGCCCAACACAGATACCAGTGCCTCAGATGTCTGCAGATTAACA
CCTGCA
    
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Restriction Sites: Please inquire

ACCN: NM_001146214

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:	<ol style="list-style-type: none">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_001146214.1, NP_001139686.1</u>
RefSeq Size:	5852 bp
RefSeq ORF:	2049 bp
Locus ID:	64786
UniProt ID:	<u>Q8TC07</u>
Cytogenetics:	12q21.1
Gene Summary:	<p>This gene encodes a member of the Ras-like proteins in brain-GTPase activating protein superfamily that share a conserved Tre-2/Bub2/Cdc16 domain. The encoded protein interacts with Ras-like protein in brain 5A and may function as a regulator of intracellular trafficking. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Apr 2009]</p> <p>Transcript Variant: This variant (2) contains an alternate in-frame exon in the 5' coding region and uses a distinct start codon compared to variant 1. The encoded isoform (2) has a distinct and shorter N-terminus compared to isoform 1. 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.</p>