

Product datasheet for **SC107053**

TBC1D14 (NM_020773) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TBC1D14 (NM_020773) Human Untagged Clone
Tag:	Tag Free
Symbol:	TBC1D14
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF: >NCBI ORF sequence for NM_020773, the custom clone sequence may differ by one or more nucleotides

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ATGACTGATGAAAACTCTCCACCTCTACAAATGGCGTAGCCTTCATGGGTATTCTGGATGGTGCACCAG
GAAACCCCTTCAGAACCTGCAACACGTCAATCTCAAGGCGCCCGACTCCTCTCCGCGCTGAGTACGG
GCCCAAGCTGAAACTCAGGGCTTTAGAAGACCGGCACAGCTCCAGTCCGTGGACTCGGGGATTCTTACC
CTGGAGATCGGGAACCCGAGCCTGTACCCTGCAGCGCGGTCCAGTGAGGAGGAAGCAGTCCGACTCCG
ACCTCATCCCGAGCGGGCCTTCCAGAGCGCTGCGCGCTGCCATCCTGTGCGCCACCAGCTCCTAGCAG
CACCGAGCGGGAACAGAGCGTGCGCAAATCCTCCACGTTTCCCAGGACAGGCTATGACTCGGTAAAGCTC
TATAGCCCGACTCCAAAGCCCTGACCCGACGCGATGATGTCTCCGTCTGCAGCGTGTCCAGTCTTGGGA
CAGAGCTGTCCACCACGCTGTCCGTGAGCAATGAGGACATCTTGGACCTTGTGGTACGAGCAGCTCCAG
TGCCATTGTGACCCTGGAGAATGACGATGACCCACAGTTACCAACGTCACCTTGAGCTCTATCAAGGAA
ACCCGTGGCTTACACCAGCAGGACTGTGTTTATGAAGCTGAGGAGGGGAGTAAATGAAAATATTGGGGC
CATTTAGTAACTCTTTGCAAGGAACTTGCTTGTAGAAAACAAAGTGAAGGCTTGACAAAACACAATGA
CTTGGGATGGAAGTTATTTGGGAAAGCGCCACTCCGAGAGAATGCCAGAAAGATTCAAAGAGAATACAG
AAGGAATATGAAGACAAGGCTGGAAGACCTAGCAAGCCACCTCTCCAAAGCAGAATGTGAGGAAGAATC
TTGACTTTGAACCACTTTCCACCACCGCACTCATCCTCGAGGACAGACCAGCAAATCTCCAGCAAAAACC
AGCTGAAGAAGCTCAGAAGCACAGACAGCAGTATGAAGAAATGGTGGTTCAGGCCAAAAGCGAGAGCTG
AAAGAAGCCAGCGAAGGAAGAAGCAGCTGGAAGAAAGATGCAGAGTCCGAGGAAAGCATTGGAAACGCTG
TGCTCACCTGGAATAATGAGATCTTACCTAACTGGGAAACAATGTGGTGTCTAGAAAAGTTCGAGATTT
ATGGTGGCAGGGAATCCCTCCAAGTGTGAGAGGCAAAGTCTGGAGCTTAGCCATTGGCAACGAGTTAAAT
ATCACCCACGAGCTCTTTGACATCTGTCTTGCCCGAGCCAAGGAGAGGTGGCGGTCCCTTAGCAGAGAG
GCTCTGAAGTGGAGAACGAAGATGCTGGTTTTTTCAGCAGCAGACAGAGAAGCCAGTCTGGAGCTTATTAA
ACTGGACATTTCTAGAATTTCTAATCTCTGCATTTTCCAGCAAGGTGGTCCATATCATGACATGTTG
CACAGTATTTGGGCGCTTATACTTGTACCAGCCAGATGTGGGTATGTCCAGGGCATGCTCTTCATAG
CAGCAGTGTGATCTTGAACCTAGATACTGCAGATGCCTTTATTGCCTTTCTAACCTTCTGAATAAACC
CTGTCAAATGGCGTTTTTTAGAGTGGACCATGGCCTTATGTTGACTTATTTTGTGCATTTGAAGTATTC
TTTGAAGAAAATTTGCCGAAATTTTGGCATTTCAGAAGAACAACCTAACTCCAGATATCTACCTAA
TTGATTGGATCTTACCTTATATAGTAAATCTCTGCCCTCGACCTGGCCTGTCGTATCTGGGACGTGTT
CTGTCCGATGGGGAAGAGTTCTGTTCCGCACGGCCCTGGGCATCCTGAAGCTGTTGAGGACATCCTG
ACCAAGATGGACTTCATTACATGGCCAGTTCCTGACCCGGCTGCCCGAGGACCTGCCCGCCGAGGAGC
TGTTTGCCTCCATCGCCACGATCCAGATGCAGAGCCGAAACAAGAAGTGGGCTCAGGTAAGTACTGACTGCATT
GCAGAAAGACAGCCGGAAATGGAGAAGGGAAGTCCGTCCTCCGACACTGA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_020773 unedited

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GAATTCGGCACCAGCCGCTGCCTACCGCGTGCCCGGCGTCCCTCGTCGCGGAGTTGCCGG
TCCCGCGGGGCTGGGCTGCGGGCCACGGGTCCCGGGGATGGCGTCGGAGCCGCGCTAA
CTCCGTTTCTCCTTGACCAAGATGACTGATGGAAAATCTCCACCTCTACAAATGGCGT
AGCCTTATGGGTATTCTGGATGGTCGACCAGGAAACCCCTTCAGAACCTGCAACACGT
CAATCTCAAGGCGCCCGACTCCTCTCCGCGCTGAGTACGGGCCAAGCTGAAACTCAG
GGCTTTAGAAGACCGGCACAGCCTCCAGTCCGTGGACTCGGGGATTCTACCCTGGAGAT
CGGGAACCCGGAGCCTGTACCCTGCAGCGCGGTCCACGTGAGGAGGAAGCAGTCCGACTC
CGACCTCATCCCGAGCGGGCCTTNCAGAGCGCCTGCGCGCTGCCATCCTGTGCGCCACC
AGCTCCTAGCAGCACCGAGCGGGAACAGAGCGTGCGCAAATCCTCCACGTTTCCCAGGAC
AGGCTATGACTCGGTAAGCTCTATAACCCGACCTCCAAGCCCTGACCCGGAGCGGATGAT
GGCTCCGTCTGCACCGTGTCCAGTCTTGGGACAGAGCTGTCCCCACGCTGTCCGTGAGC
AATGAGGACATCTTGGACCTTGGGGACACGAGCTCAGTGCCTTTGGGACCTGGAAAAG
ACCATAACCCACANTAACCACGTCCCCTTGACCTTTACAAGGAA
    
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Restriction Sites:

NotI-NotI

ACCN:	NM_020773
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:	<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:	NM_020773.1 , NP_065824.1
RefSeq Size:	5009 bp
RefSeq ORF:	2037 bp
Locus ID:	57533
UniProt ID:	Q9P2M4
Cytogenetics:	4p16.1
Gene Summary:	Negative regulator of starvation-induced autophagosome formation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a). Both variants 1 and 2 encode the same isoform.