

Product datasheet for **SC319518**

TBC1D20 (NM_144628) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TBC1D20 (NM_144628) Human Untagged Clone
Tag:	Tag Free
Symbol:	TBC1D20
Synonyms:	C20orf140; WARBM4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_144628.2
 CCGATGCCGAGCGGGTGCTACGTCCCGCGGTCCGAGCCGCGTCTTCTCCCGGCTCCGCCA
 CCAGCCGGGGCTCGGGTGGGGGCCCCGGGGCCCGGGGCATGGCCCTCCGGAGTGCGCAGG
 GCGACGGCCCCACCTCCGGCCACTGGGACGGCGGCGGGAGAAGGCAGACTTTAACGCCA
 AAAGGAAAAAGAAAGTGGCAGAGATACACCAGGCTCTGAACAGTGATCCCACTGATGTGG
 CTGCCCTTAGACGCATGGCTATCAGTGAAGGAGGGCTCCTGACTGATGAGATCAGACGAA
 AAGTGTGGCCCAAGCTCCTCAATGTCAATGCCAATGACCCACCTCCTATATCAGGGAAGA
 ACCTACGGCAGATGAGCAAGGACTACCAACAAGTGTGCTGGACGTCCGGCGGTCAATTGC
 GCGGTTCCCTCCTGGCATGCCAGAGGAACAGAGAGAAGGGCTCCAGGAAGAACTGATTG
 ACATCATCCTCCTCATCTTGAGCGCAACCCTCAGCTGCACTACTACCAGGGCTACCATG
 ACATTGTGGTCACATTTCTGCTGGTGGTAGGCGAGAGGCTGGCAACATCCCTGGTAGAAA
 AATTATCTACCCACCACCTCAGGATTTTATGGATCCAACAATGGACAACACCAAGCATA
 TATTAACATCTGATGCCCATCATTGACCAGGTGAATCCAGAGCTCCATGACTTCATGC
 AGAGTGTGAGGTAGGGACCATCTTGGCCTCAGCTGGCTCATCACCTGGTTTGGGCATG
 TCCTGTCTGACTTCAGGCACGTGCTGCGGTTATATGACTTCTTCTGGCCTGCCACCCAC
 TGATGCCGATTTACTTTGCAGCCGTGATTGTGTTGTATCGCGAGCAGGAAGTCTGGACT
 GTGACTGTGACATGGCCTCGGTCCACCACCTGTTGTCCAGATCCCTCAGGACTTGCCCT
 ATGAGACACTGATCAGCAGAGCAGGAGACCTTTTTGTTCAGTTTCCCCATCCGAACCTG
 CTCGGGAGGCGCTGCCAACAGCAAGCTGAGAGGACGGCAGCCTCTACTTTCAAAGACT
 TTGAGCTGGCATCAGCCAGCAGAGGCTGATATGGTGTGCGGCAGCGGTTTCGGGGAC
 TTCTGCGGCTGAAGATCGAACAAAAGATGTCCTGACCAAGCCAAGGACCAACCGCTTTG
 TGAAATTGGCAGTGATGGGGCTGACAGTGGCACTTGGAGCGGCTGCACTGGCTGTGGTGA
 AAAGTGCCTTGAATGGGCCCTAAGTTTCAGCTGCAGCTGTTTCCCTGAAAGCCAGAGA
 AGACCTTCTCTTACATCACATTAAGGCACCACTCACTACCTTGGCGTGTGTTTTTTGGG
 TCTGACTTGACTCGTCAACTGCTGGTCTCTCCACCTGGTTGAAATGTCGTTGGAACCT
 TGCAAAGACTCTCCAGACCTTAGGGAACAAGAGGCATCACTCAGTCTTCTGGGACAGCT
 TCCCTGCCTCAGAAAACGGAATCTCTGTCTGTGACCTTCTCTGCCCCATTTCACTTGCT
 CAACACCAGACTTTAATCTGACTGTAGCTCATAAGACCCTCATTCCAGAGAGGGTGCTGC
 CCCATACCCGGAAGGAGGAACGCTGCACAGAGAGGCCAAGAAGCATCTGGACAGACAGGC
 CTTGCTGGGTTTAGACCTTATGCTTTTTGTCCAGTTTCATCTCAACACAGCTGCCATGCT
 TCAGCCATGCCTATCCAATGACGTCTCCATAAAGGCCAGGAACACGGGAGCTTCTGAA
 GAGCTGAACATGTGGAGGAGGGGAACGAGAAGTGTCCATGTGCCAAGAGGGTGGCGCA
 CCCCCACTCCATGGGGACAGAAGCTCCAGCATTTGCCAGGACCCGTCCAGACCTCACCC
 TGTGTGTATCTTCATCTGGCTGTTTACTTATTTGTATCCTTTTCTAATAATGTTTGTAAT
 AAAGTGGTAAACATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_144628

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:

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_144628.2](#), [NP_653229.1](#)

RefSeq Size: 4456 bp

RefSeq ORF: 1212 bp

Locus ID: 128637

UniProt ID: [Q96BZ9](#)

Cytogenetics: 20p13

Domains: TBC

Protein Families: Transmembrane

Gene Summary: This gene encodes a protein that belongs to a family of GTPase activator proteins of Rab-like small GTPases. The encoded protein and its cognate GTPase, Rab1, bind the nonstructural protein 5A (NS5A) of the hepatitis C virus (HCV) to mediate viral replication. Depletion of this protein inhibits replication of the virus and HCV infection. Mutations in this gene are associated with Warburg micro syndrome 4. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014]

Transcript Variant: This variant (1) represents the longer transcript and encodes the functional protein. 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.