TBC1D3C cDNA Clone – TBC1 Domain Family, Member 3c (Human)

PRODUCT OVERVIEW

Product Name	TBC1D3C, cDNA Clone
Full Product Name	TBC1D3C cDNA Clone
Product Gene Name	TBC1D3C cdna clone
Sequence	atggacgtgg tagaggtcgc gggtagttgg tgggcacaag agcgagagga catcattatg aaatacgaaa agggacaccg agctgggctg ccagaggaca aggggcctaa gccttttcga agctacaaca acaacgtcga tcatttgggg attgtacatg agacggagct gcctcctctg actgcgcggg aggcgaagca aattcggcgg gagatcagcc gaaagagcaa gtgggtggat atgctgggag actgggagaa atacaaaagc agcagaaagc tcatagatcg agcgtacaag ggaatgccca tgaacatccg gggcccgatg tggtcagtcc tcctgaacat tgaggaaatg aagttgaaaa accccggaag ataccagatc atgaaggaga agggcaagag gtcatctgag cacatccagc gcatcgaccg ggacataagc gggacattaa ggaagcatat gttcttcagg gatcgatacg gaaccaagca gcgggaacta ctccacatcc tcctggcata tgaggagtat aacccggagg tgggctactg cagggacctg agccacatcg ccgccttgtt cctcctctat cttcctgagg aggatgcatt ctgggcactg gtgcagctgc tggccagtga gaggcactcc ctgcagggat ttcacagccc aaatggcggg accgtccagg ggctccaaga ccaacaggag catgtggtag ccacgtcaca atccaagacc atggggcatc aggacaagaa agatctatgt gggcagtgtt ccccgttagg ctgcctcatc cggatattga ttgacggggt aaggaggcat agggagaccc tggctcaggg accttccttg ccctgcagtg ccctgcttcc ccagcccggg ggtctggctc actcccagcc cacaggaggc tcaggcgggt ccccaaagga cacacaagca aaaccctctg cccaagaggg gtcatcccag ggcaatggct ggggctcagg cccagcctca tgggcagact gggccaggac ccgacttgag agggctcagg gaagcctcaa gccctgggca agcccctctc tccaggagcc acatccccac tcaaatgagt gccccccatg a
Molecular Weight	62,187 Da
OMIM	610806
Vector	Please Inquire
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TBC1D3C cdna clone	MBS1272786 is a cDNA clone targeting TBC1D3C.
Other Notes	Small volumes of TBC1D3C cdna clone vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TBC1D3C. It may not necessarily be applicable to this product.

NCBI GI #	45708750
NCBI GeneID	414060
NCBI Accession #	BC033670
UniProt Related Accession #	Q6IPX1
NCBI Official Full Name	Homo sapiens TBC1 domain family, member 3C, mRNA
NCBI Official Synonym Full Names	TBC1 domain family member 3C
NCBI Official Symbol	TBC1D3C
NCBI Official Synonym Symbols	TBC1D3D
UniProt Protein Name	TBC1 domain family member 3C
Protein Family	TBC1 domain family
UniProt Gene Name	TBC1D3C

UniProt Synonym Gene Names	TBC1D3D
UniProt Entry Name	TBC3C_HUMAN
NCBI Protein Information	TBC1 domain family member 3C
NCBI Summary for TBC1D3C	This gene represents one of a cluster of related genes found on chromosome 17. The proteins encoded by this gene family contain a TBC (Tre-2, Bub2p, and Cdc16p) domain and may be involved in GTPase signaling and vesicle trafficking. [provided by RefSeq, Apr 2014]
UniProt Comments for TBC1D3C	TBC1D3C: Acts as a GTPase activating protein for RAB5. Does not act on RAB4 or RAB11. Protein type: GAPs, Rab; GAPs Chromosomal Location of Human Ortholog: 17q12 Cellular Component: endomembrane system; intracellular Molecular Function: GTPase activator activity; Rab GTPase binding Biological Process: intracellular protein transport; regulation of vesicle fusion
Research Articles on TBC1D3C	**1.** The Tre2 (USP6) oncogene is derived from the chimeric fusion of two genes, USP32 (NY-REN-60), and TBC1D3.
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