

Product datasheet for **RC233625**

TBC1D16 (NM_001271846) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TBC1D16 (NM_001271846) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TBC1D16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC233625 representing NM_001271846 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGGTCGCCCCGATAAGACATGCATGCAGTTCTCCATCCGCCGCCCAAGCTGCCGTCTCCGAGA
CGCACCCCGAGGAGAGCATGTACAAGAGGCTCGGCGTCTCCGCTGGCTCAACCACCTGAATGAGCTGGG
CCAGGTGGAGGAGGAGTACAAGCTGCGGAAGGCCATTTCTTTGGCGGTATTGATGTGTCAATCCGCGGG
GAGGTCTGGCCCTTCTGCTGCGCTATTACAGCCACGAGTCCACGTCGGAGGAGCGGGAGGCGCTGCGGC
TGCAGAAGCGAAAGGAGTACTCTGAGATCCAGCAGAAAAGGCTCTCCATGACTCCCGAGGAGCACAGAGC
GTTCTGGCGTAATGTGCAGTTCAGTGTGGACAAAGACGTGGTCCGGACAGATCGGAACAACCAAGTTCTTC
CGGGGGGAAGACAATCCAATGTGGAGAGCATGAGGAGGATCCTGCTGAACACGCCGTGTACAACCCTG
CCGTCGGCTATTCCCAAGGGATGTCGGACCTGGTGGCGCCCATCTTGGCCGAGGTCCTGGATGAGTCAGA
CACCTTCTGGTGCTTTGTGGTTTGTGTCAGAACACGATCTTCGTCAGCTCACCCGGGACGAGGACATG
GAGAAACAACCTGCTGTACCTGCGCGAGCTGCTGCGGCTGACGCACGTGCGCTTCTACCAGACCTGGTCT
CGCTGGGCGAGGACGGCTGCAGATGCTCTTCTGCCACCGCTGGCTCTTCTGTGCTTCAAGCGGGAGTT
CCCCGAGGCCGAAGCGCTGCGGATCTGGGAGGCTGCTGGGCCACTACCAGGGGCTGATGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



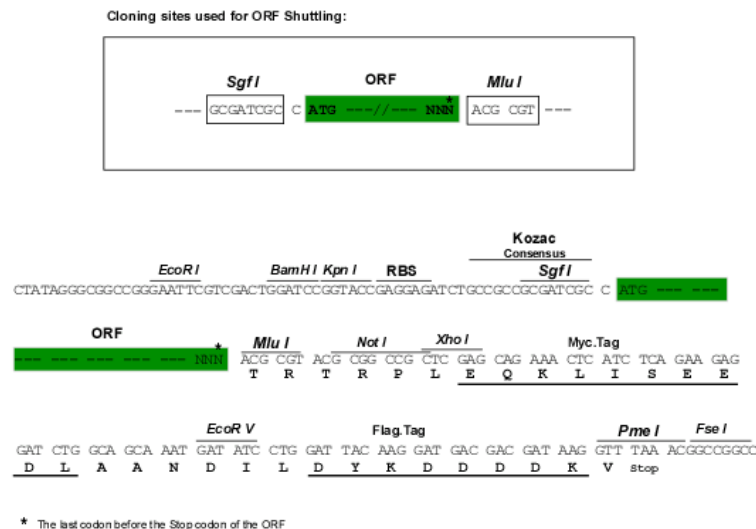
[View online »](#)

Protein Sequence: >RC233625 representing NM_001271846
 Red=Cloning site Green=Tags(s)

MKVAPDKTCMQFSIRRPKLPSETHPEESMYKRLGVSAWLNHLNELGQVEEYKLRKAIFFGGIDVSIRG
 EVWPFLLRYYSHSTSEEREALRLQKRKEYSEIQKRLSMTPEEHRAFWRNQFTVDKDVVRTDRNNQFF
 RGEDNPNVESMRRILLNYAVYNPAVGYSQGMSDLVAPILAELVDESDFWCFVGLMQNTIFVSSPRDEDM
 EKQLLYLRELLRLTHVRFYQHLVSLGEDGLQMLFCHRWLLLCFKREFPEAEALRIWEACWAHYQGADV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI
Cloning Scheme:



ACCN: NM_001271846

ORF Size: 834 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001271846.2

RefSeq Size: 1186 bp

RefSeq ORF: 837 bp

Locus ID: 125058

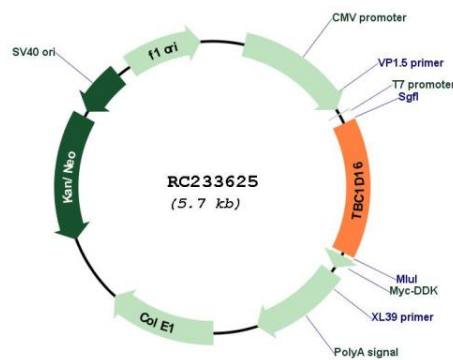
UniProt ID: Q8TBP0

Cytogenetics: 17q25.3

MW: 33.4 kDa

Gene Summary: May act as a GTPase-activating protein for Rab family protein(s).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC233625