

Product datasheet for **RC225938**

TBCID3H (NM_001123392) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	TBCID3H
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >RC225938 representing NM_001123392
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGACGTGGTAGAGGTCGCGGGCAGTTGGTGGGCACAAGAGCGAGAGGACATCATTATGAAATACGAAA
 AGGGACACCAAGCTGGGCTGCCAGAGGACAAGGGGCCCTAAGCCTTTTCGAAGCTACAACAACAACGTCGA
 TCATTTGGGGATTGTACATGAGACGGAGCTGCCTCCTCTGACTGCGCGGGAGGCGAAGCAAAATTCGGCGG
 GAGATCAGCCGAAAGAGCAAGTGGGTGGATATGCTGGGAGACTGGGAGAAATACAAAAGCAGCAGAAAGC
 TCATAGATCGAGCGTACAAGGAATGCCCATGAACATCCGGGGCCGATGTGGTCAGTCCTCCTGAACAT
 TGAGGAAATGAAGTTGAAAAACCCCGGAAGATACCAGATCATGAAGGAGAAGGGCAAGAGGTCATCTGAG
 CACATCCAGCGCATCGACCGGGACATAAGCGGGACATTAAGGAAGCATATGTTCTTCAGGATCGATACG
 GAACCAAGCAGCGGGAAGTACTCCACATCCTCTGGCATATGAGGAGTAAACCCGGAGGTGGGCTACTG
 CAGGGACCTGAGCCACATCGCCGCTTGTCTCTCTATCTTCTGAGGAGGATGCATTCTGGGCACTG
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 GTTCGTTGATACCTGGGCCAGGGATGAGGACACTGTGCTCAAGCATCTTAGGGCCTCTATGAAGAACTA
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 CAGCTTCACGTGGCGGAAGACCTCTGCAAGGGGGACAGGCAGGCCCTCCAGGCCACCAAGCCGGTT
 CCCGCGGCCCATTTGGTCAGCTTCCCGCCACGGGCACCTCGTTCTTCCACACCTGTCTGGTGGGGCT
 GTCCGGGAAGACACCTACCCTGTGGGCACTCAGGGTGTGCCAGCCCGGCCCTGGCTCAGGAGGACCTC
 AGGGTTCCTGGAGATTCCTGCAGTGGAACTCCATGCCCGCCTCCCAACGGACCTGGACGTAGAGGGCCC
 TTGGTTCGCCATTATGATTTGAGACAGAGCTGCTGGTCCGTGCCATATCCAGGAGGACCACTGGCC
 CCTGCTGGCAGGCTGAACACCTGCGGAGCGGGTGAGATCGGCTTTCGCTGCACCCAGCACTGATTCGG
 ACCAGGGCACCCCTTCAGAGCTAGGGACGAACAGCAGTGTGCTCCACCTCAGGGCCTTGCTCTGCGG
 CCTCCACTTGAAAGTTCTCAGTTCCTCCAGGCTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC225938 representing NM_001123392
 Red=Cloning site Green=Tags(s)

MDVVEVAGSWWAQEREDIIMKYEKHQAGLPEDKGPKPFRSYNNVDHLGI VHETELPPLTAREAKQIRR
 EISRKSKWVMDLGDWEKYKSSRKLIDRAYKGMPMNIRGPMWSVLLNIEEMKLNKPNRGYQIMKEGKRSE
 HIQRIDRDISGTLRKHMFFRDYGTQRELLHILLAYEEYNPEVGYCRDL SHIAALFLLYLPEEDAFWAL
 VQLLASERHSLQGFHSPNGGTVQGLQDQQEHVVATSQPKTMGHQDKDL CGQCSPLGCLIRILIDGISLG
 LTLRLWDVYLVEGEQALMPITRIAFKVQKRLTKTSRCGPWARFCNRFVDTWARDEDVLKHLRASMKKL
 TRKQGDLP PPAKPEQGSSASRPVPA SRGGKTLCKGDRQAPP GPPARFPRPIWSASPPRAPRSSTPCPGA
 VREDTYPVGTQGVPSALAQGGPQGSWRFLQWNSMPRLPTDLDVEGPWFRHYDFRQSCWVR AISQEDQLA
 PCWQAEHPAERVRSAFAAPSTDSDQGT PFRARDEQQCAPTS GPCLCGLHLESSQFP PGF

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8034_d02.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001123392

ORF Size: 1647 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:

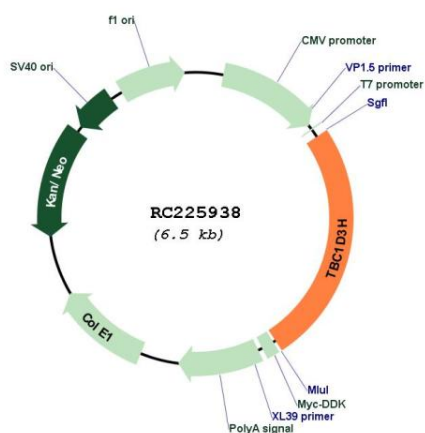
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store 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_001123392.2](#)

RefSeq ORF:	1650 bp
Locus ID:	729877
UniProt ID:	P0C7X1
Cytogenetics:	17q12
MW:	62 kDa
Gene Summary:	Acts as a GTPase activating protein for RAB5. Does not act on RAB4 or RAB11 (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC225938