

Product datasheet for MR219347

Tbc1d8b (NM_001081499) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbc1d8b (NM_001081499) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tbc1d8b
Synonyms:	4921505D17Rik; 9030605E16Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR219347 representing NM_001081499 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGCTGAAGCCCAGGAAGTCTGTTGAAAAATGCGCTGAAGCTGTGGCTGATGAAAGATCCAACG
AGTACTTTGTCTGCAAAGGCGTCGAGGCTACGGGAAGAAGGAGGGGGACTTACAGGGCTCTTGGT
TGGGACTCTTGATTCTGTCTTAGACTCCACTGCTAAAGTAGCTCCATTTTCGCATCCTACACCAGACCA
GATTCTCAAGTACTTGTCAATTGCATGTGGAGCCAACAGAGAAGAAATAACAAAACATTGGGACTGGT
TGGAAACAAAATAAATGAAGACTTTATCTGTGTTGATTCAAATGAAGATATTACCAATTTGTACAAGG
CAAAATAAGAGGACTAATCGCTGAAGAGGGGAAACAGTCTTTTGCTAAAGAAGATGATCCTGAGAAATTT
CGAGAAGCCCTTTTGAATTTGAAAAATCTTTTGGTTTACCAGAGCAGGAAAAATAGTAACTTATTATT
CCTGCAGTTACTGGAGAGGACGGGTCCTTGTCCAGGGCTGGCTCTATCTAAGTACCAACTTTCTGAGCTT
CTATTCCTTTCTGCTAGGATCAGAAATTAACCTCATTATCTCCTGGGATGCAATCTCAAACTTGAAAAG
ACTTCAACTGTTATTAACCTGAGAGCATTACGATGTTCTCAAGGAGAGAATCACTATTTTTCAATGT
TTTTGCACATTAATGAGACATACCTTCTTATGGAACAACCTGGCAAATATGCCATAAAGAGACTTTTTGA
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CGAGCCACAGTGAGCAATTCAAAGCCTTTTTTAGGCTACCAAGAAGAGACATTTGAAAGAAGTACATG
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TTAAAGACTTTGAGCAACTGGTGGCAAACTCAGGCTCAAGTGCCGGGCAGCTTCAACTCAAGATGATGT
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TTAAGAGGAGAGCTCTGGATGCTTTTCTCAGGTGCTGTTAATGACATGGCAACAAACCCTGGCTATTATG
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 AGCAGATTCTTGCTTCCCTGTTAAATGAACCAGCCTTGGTGGGTTTTTGGAGAGACCCTTAGATTTAA
 AGCCAAGCTAGAAAATGCGAAAAGCTCCAGCTAAGGTCTAGAACCAAGATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR219347 representing NM_001081499
 Red=Cloning site Green=Tags(s)

MWLKPEEVLLKNALKLWLMERSNEYFVLQRRRGYGEEGGGGLTGLLVGTLDSVLDSTAKVAPFRILHQTP
 DSQVYLSIACGANREEITKHWDWLEQNIMKTLVFDNSNEDITNFVQKIRGLIAEEGKQSFATEDDPEKF
 REALLKFEKSFGLPEQEKLVITYYSCSYWRGRVPCQGWLYLSTNFLSFYSFLLGSEIKLIIISWDAISKLEK
 TSTVILTESIHVCSQGENHYFSMFLHINETYLLMEQLANYAIKRLFDKETFDNDPVLDDPLQITKRGL
 RAHSEQFKAFFRPLKEETLKEVHECFWVWPFSHFSSHGKMCISENYICFASQDGNLCSVIIPLEVLAI
 KDSDSNRSVIIISIKGKTAFRSELKDFEQLVAKLRLKCRAASTQDDVSTEVAVSSDSTGSPENFEEQPLT
 CPKECKTVNTEALMTVFHPQNLNENLDSKMLKEKMKQSWNIFSECGRGVSMFRKTRDLVVRGIPET
 LRGELWMLFSGAVNDMATNPGYYAEVVEQSLGTSNLATEEIERDLRRLPEHPAFQSDTGISALRRVLT
 YAYRNPKIGYCQAMNILTSLVLLYAKEEEAFWLLVAVCERMLPDYFNRRRIIGALVDQAVFEELIRDHL
 PQLTDHMTDMTFFSSVLSWFLTLFISVLPVIESAVNVVDCFFYDGIKAILQLGLAILDYNDKLLTCKDDAE
 AVTALNRFDFDNIKDSPLPSNVQQGSNISNEKSDHTKVDITDLIKESNEKYGSIRYEDIHSMRCRNRLY
 VIQTLEETTKQNVLRVVSQDVKMSLQELDELVIYIFKKELFISCYWYLSCPGLKHHDPSPYLEQYIDCQ
 QFRVLYHLLSPWAHSANRDSLALWTFRLDENSDCLINFKEFSSAIDIMYNGSFTDKLKLFLKLIHIPPAY
 TEVMSKTSKSGDELSTELLVYFSQLQVSKPADEKETESGRNSPEKGGKIDIQAYLSQWQDELKKEETI
 KDLPRMNQSQFIQFSKTLVNLFHEDPEEESLYQAIIVTNLLRMEEVGRKLHSPASSASTARDSPGSE
 NAESSVKDLPSPREEHQWSFAFEQILASLLNEPALVRFERPLDLKAKLENKSSQLRSRTKM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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_001081499.2](#), [NP_001074968.1](#)

RefSeq Size: 5907 bp

RefSeq ORF: 3345 bp

Locus ID: 245638

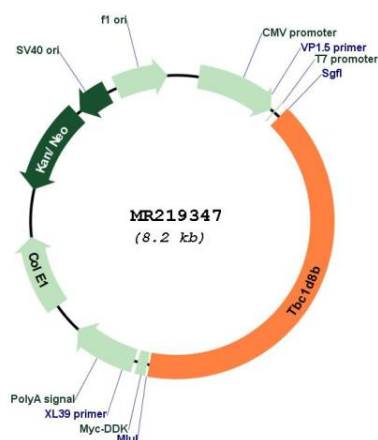
UniProt ID: [A3KGB4](#)

Cytogenetics: X F1

MW: 127.9 kDa

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

Product images:



Circular map for MR219347