

Product datasheet for **RC230347**

TTC39B (NM_001168341) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC39B (NM_001168341) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TTC39B
Synonyms:	C9orf52
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC230347 representing NM_001168341
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATGTCTGTGCTGGCCTGCCGCTCCGGGGCGGGGAAATCGAGTAGCTGCACTCAGGCCCGCCCGA
 GACCCGGAGGGAGCGCCGGGCGCTCCCCTTTGCCCTCCTTTGCCTGGGCTGAGCCAGAGCCGAGAGC
 AGGAGTCCGGCTCTGAGTCCCTGCTTGGTTTTGGGTGGCAGCAGCCAGAGGAGGAATATGGCGCTCTTA
 GGCAGCCGAGCGGAGCTGGAAGCGGACGAGGACGTTTTCGAAGATGCCTTGAAACCATCTCAATGGCTA
 AGGAGAGTATGTACCATGCCTTGGGCTACAGTACCATTGGTGTTCAGGCTGCTCAGCTTCGAGCA
 ACAGGACATCCAGAACGGCATTCTGCCATGAAGGACGCTTACAAACCTGCCAAAAATACAGGAAAAA
 TACACAGTTGAGAATCTTCTCAAGTCTCTTTAGAGGATCCCTGGAGCAACTGAGTGAAGAGGAAA
 TGCATGCTGAAATCTGTTATGCCGAGTGTCTCCTACAGAAAGCTGCACTCAGTTTGTGCAGGATGAAA
 TATGATCAACTTCATCAAAGGTGGACTCAAATAGAACAAAGTTACCAAATATATAAAGAATGTCTTTCT
 ATCCTGCATGAAATTCAGAAGAACAATTCAGCAGGAATCTTCTATGAGTTTGAAGGGGTGTCAAGC
 TTGGCAGTGGGGCCTTAATTTGATGCTGTCCCTTTACCAGCAAGGATTATCAGACTACTAGAATTTAT
 TGGATTTCTGGGAATAGGGAGTTGGGCCTCCTGCAGTTACGTGAAGGTGCTTCAGGAAGGAGCATGAGG
 TCTGCACTGTGCTGCTTAACCATCTTAGCTTTTACACTTACATCTCCCTAATACTTGGTACAGGAGAAG
 TGAATGTTGCGGAAGCAGAGCGTCTCCTGGCACCTTCTCCAGCAGTTTCCAAATGGCTCACTCGTGT
 GTTTTATCATGCCGAATAGAGTTGCTGAAAGGGAATCTGAAGAGGCACAAGAAGTATTTCAAAAATGC
 ATTTCAAGTTCAAGAAGAATGGAACAGTTTACCATCTCTGCTACTGGGAGCTAAATGTGGATTAATGTT
 TCCAACAAAAGTGGATGCAGGCATATTACTATTACAGATCTGCTTTCGAAAGAGAGTAAATGGTCCAAGGC
 AACTTATGTGTTCTTGAAGCAGCAATTTGAGTATGCTTCCAGAGGAGGATGTAGTAGCAACGAATGAG
 AATGTGGTAACTTTATTACAGACAGGTGGACAGCTTGAAGCAGAGAATTGCCGGGAAATCTATCCCTACTG
 AGAAGTTTGTGTGAGGAAGGCTCGGCCTTACTCCGCCTCCTTACCTGCACCTGTGAAGCTCATCTTACC
 TGCCCTGGAAATGATGTATGTCTGGAATGGTTTTTCAATAGTGAGCAAAAAGAAAAGACCTTTCTGAAAAT
 CTGTTAGTAACTGTTGAAAAAGCTGAGGCAGCTTACAAAGTCAAAATTTAACAGCTTCTCTGTGGATG
 ATGAGTGTCTAGTGAAGTACTTAAAGGATGTTGCCTCAAGAAGTACAGCGGCCCTTCAAGCTGAACT
 ATGTTACAATCATGTTGTGGAAGTGAAGGCTACTGAAGTATGACCACTACCTAGTCCCGTTCACTCTA
 TTTGAATTGGCATCTTTGTATAAAGCCAGGGGAAATGACAAGCCATAAAGTTCCTAGAAACTGCAA
 GGAACAACCTACAAGATTACTCCCTGGAGTCCAGACTACACTTCAGAATTCAGGCAGCTCTTACCTCTG
 GAGAAAACCTTCTCAGAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC230347 representing NM_001168341
 Red=Cloning site Green=Tags(s)

MDAVLACRLRGRGNRVAALRPRPRPGGSAGPSPFALLCAGLSPEPRAGVGSEFPWFLLGGSSQRRNMALL
 GSRAELEADEDVFEDALETISMAKESMYHALGYSTIVVLQAVLTFEQQDIQNGISAMKDALQTCQKYRKK
 YTVVESFSLLSRGSLEQLSEEMHAEICYAECLLQKAALTFVQDENMINFIKGGKIRTSYQIYKECLS
 ILHEIQKNKLQEFFYEFEGGVKLGSGAFNMLSLLPARIIRLLEFIFSGNRELGLLQLREGASGRSMR
 SALCCLTILAFHTYISLILGTGEVNVAEERLLAPFLQQFPNGSLVLFYHARIELLKGNLEEAQEVFQKC
 ISVQEEWKQFHHLCYWELMWINVFQQNWMQAYYSDLLCKESKWSKATYVFLKAAILSMLPEEDVVATNE
 NVVTLFRQVDSLKQRIAGKSIPTEKFAVRKARRYSASLPAPVKLILPALEMMYVWNGFSIVSKRKDLSN
 LLVTVKEAEAAALQSQNFNSFSVDDECLVKLLKGCCLKNLQRPQAELCYNHVVESEKLLKYDHYLVPFTL
 FELASLYKSQGEIDKAIKFLETARNYKDYSLERLHFRIQAALHLWRKPSSD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8069_g03.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001168341

ORF Size: 1839 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.

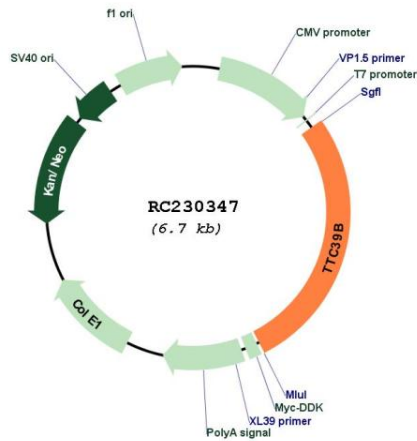
RefSeq: [NM_001168341.1](#), [NP_001161813.1](#)

RefSeq ORF: 1842 bp

Locus ID: 158219

UniProt ID: [Q5VTQ0](#)
Cytogenetics: 9p22.3
MW: 70 kDa
Gene Summary: Regulates high density lipoprotein (HDL) cholesterol metabolism by promoting the ubiquitination and degradation of the oxysterols receptors LXR (NR1H2 and NR1H3). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC230347