

Product datasheet for **RC230214**

TTC39B (NM_001168342) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | TTC39B (NM_001168342) 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) |



[View online »](#)

ORF Nucleotide Sequence:

>RC230214 representing NM_001168342
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTACCATGCCTTGGGCTACAGTACCATTGTGGTGTTCAGGCTGTCTGACCTTCGAGCAACAGGACA
 TCCAGAACGGCATTCTGCCATGAAGGACGCTTTACAAACCTGCCAAAAATACAGGAAAAATACACAGT
 TGTAGAATCTTTCTCAAGTCTTCTTTCTAGAGGATCCCTGGAGCAACTGAGTGAAGAGGAAATGCATGCT
 GAAATCTGTTATGCCGAGTGTCTCTACAGAAAGCTGCACTCACGTTTGTGCAGGATGAAATATGATCA
 ACTTCATCAAAGGTGGACTCAAAATTAGAACAAGTTACCAATATATAAAGAATGTCTTTCTATCTGCA
 TGAAATTCAGAAGAACAACTTCAGCAGGAATTCTTCTATGAGTTTGAAGGGGTGTCAAGCTTGGCAGT
 GGGGCCTTTAATTTGATGCTGTCCCTTTTACCAGCAAGGATTATCAGACTACTAGAATTTATTGGATTTT
 CTGGGAATAGGGAGTTGGGCCTCTGCAGTTACGTGAAGGTGCTTCAGGAAGGAGCATGAGGTCTGCACT
 GTGCTGCTTAACCATCTTAGCTTTTCACTTACATCTCCCTAATACTTGGTACAGGAGAAGTGAATGTT
 GCGGAAGCAGAGCGTCTCTGGCACCTTCTCCAGCAGTTTCCAAATGGCTCACTCGTGTGTTTTATC
 ATGCCCGAATAGAGTTGCTGAAAGGGAATCTTGAAGAGGCACAAGAAGTATTTCAAAAATGCATTTCACT
 TCAAGAAGAATGGAAACAGTTTCACCATCTCTGCTACTGGGAGCTAATGTGGATTAATGTTTTCCAACA
 AACTGGATGCAGGCATATTACTATTAGATCTGCTTTGCAAAGAGAGTAAATGGTCCAAGGCAACTATG
 TGTTCTTGAAAGCAGCAATTTTGAAGTATGCTTCCAGAGGAGGATGTAGTAGCAACGAATGAGAATGTGGT
 AACTTTATTGAGCAGGTGGACAGCTTGAAGCAGAGAATTGCCGGGAAATCTATCCCTACTGAGAAGTTT
 GCTGTGAGGAAGGCTCGGCGTTACTCCGCTCCTTACCTGCACCTGTGAAGCTCATCTTACCTGCCCTGG
 AAATGATGTATGTCTGGAATGGTTTTTCAATAGTGAGCAAAAAGAAAGACCTTTCTGAAAATCTGTTAGT
 AACTGTTGAAAAAGCTGAGGCAGCTTTACAAAGTCAAAATTTTAAACAGCTTCTCTGTGGATGATGAGTGC
 TTAGTGAAGTTACTTAAAGGATGTTGCCTCAAGAAGTTACAGCGGCCCTTGAAGCTGAAGTATGTTACA
 ATCATGTTGTGGAAGTGAAGGCTACTGAAGTATGACCACTACCTAGTGCCGTTCACTCTATTTGAATT
 GGCATCTTTGTATAAAGCCAGGGGAAATTGACAAGGCCATAAAGTTCTAGAACTGCAAGGAACAAC
 TACAAAGATTACTCCCTGGAGTCCAGACTACACTTCAGAATTCAGGCAGCTCTTCACCTCTGGAGAAAAC
 CTTCTCAGAT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC230214 representing NM_001168342
 Red=Cloning site Green=Tags(s)

MYHALGYSTIVLQAVLTFEQQDIQNGISAMKDALQTCQKYRKKYTVVESFSSLLSRGSLEQLSEEEMHA
 EICYAECLLQKAALTFVQDENMINFIKGLKIRTSYQIYKECLSLHEIQKNKLQEFFYEFEGGVKLGS
 GAFNLMLSLLPARIIRLLEFIFSGNRELGLLQLREGASGRSMRSALCCLTILAFHTYISLILGTGEVNV
 AEAERLLAPFLQQFPNGSLVLFYHARIELLKGNLEEAQEVFQKCISVQEEWKQFHHLCYWELMWINVFQQ
 NWMQAYYYSDLLCKESKWSKATYVFLKAAILSMLPEEDVVATNENVVTLFRQVDSLKQRIAGKSIPTEKF
 AVRKARRYSASLPAPVKLILPALEMMYVWNGFSIVSKRKDLSENLLVTVEKAEALQSQNFNSFSVDDEC
 LVKLLKGCCLKNLQRPLQAELCYNHVVESEKLLKYDHYLVPFTLFELASLYKSQGEIDKAIFLETARNN
 YKDYSLESRLHFRIQAALHLWRKPSSD

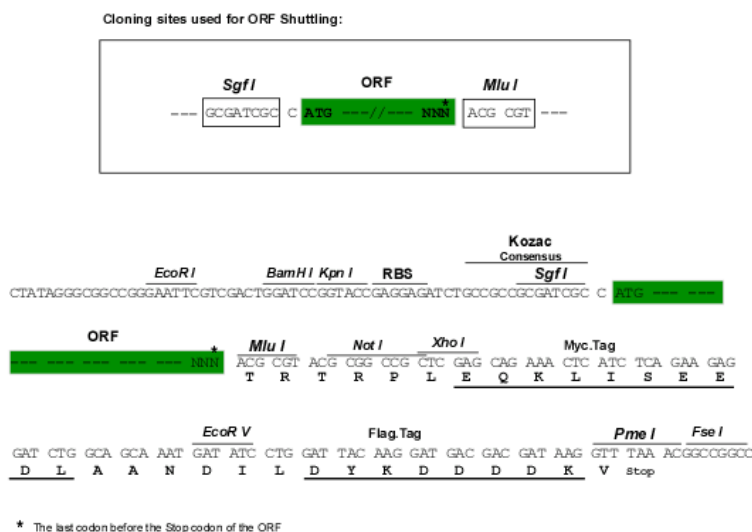
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8064_f10.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001168342

ORF Size: 1551 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_001168342.2](#)

RefSeq ORF: 1554 bp

Locus ID: 158219

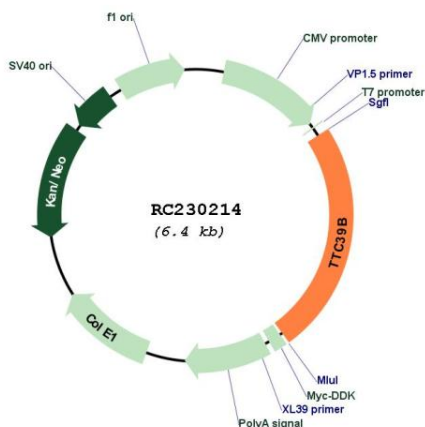
UniProt ID: [Q5VTQ0](#)

Cytogenetics: 9p22.3

MW: 59.9 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 RC230214