

Product datasheet for **SC100999**

TTC39B (NM_152574) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTC39B (NM_152574) Human Untagged Clone
Tag:	Tag Free
Symbol:	TTC39B
Synonyms:	C9orf52
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_152574, the custom clone sequence may differ by one or more nucleotides

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ATGGATGCTGTGCTGGCCTGCCGGCTCCGGGGCGGGGAAATCGAGTAGCTGCACTCAGGCCCGCCCGA
GACCCGGAGGGAGCGCCGGGCCGTCCTTTTGCCTCCTTTGCGCTGGGCTGAGCCAGAGCCGAGAGC
AGGAGTCGGCTCTGAGTTCCTGCTTGGTTTTGGGTGGCAGCAGCCAGAGGAGGAATATGGCGCTCTTA
GGCAGCCGAGCGGAGCTGGAAGCGGACGAGGACGTTTTGGAAGATGCCTTGGAAACCATCTCAATATCTT
CTCACTCAGATATGGCAACAAGCAGCCTTCACTTTGCATCATGTGATACACAACAGGCGCCAGACAGCG
CGGAGCGTCTACTGTCAGCAGTTCATCATCAACCAAGGTGGATCTCAAGAGTGGCCTCGAAGAATGTGCT
GTGGCATTGAACTTATTTCTAAGCAACAAATTTACAGACGCCTTAGAATTGCTTCGCCCTGGGCTAAGG
AGAGTATGTACCATGCCTTGGGCTACAGTACCATTGTGGTGTGCAGGCTGCTCCTGACCTTCGAGCAACA
GGACATCCAGAACGGCATTCTGCCATGAAGGACGCTTTACAAACCTGCCAAAAATACAGGAAAAAATAC
ACAGTTGTAGAATCTTTCTCAAGTCTTCTTTCTAGAGGATCCCTGGAGCAACTGAGTGAAGAGGAAATGC
ATGCTGAAATCTGTTATGCCGAGTGTCTCTACAGAAAGCTGCACTCACGTTTGTGCAGGATGAAAAAT
GATCAACTTCATCAAAGTGGACTCAAAATTAGAACAAGTTACCAAATATATAAAGAATGTCTTTCTATC
CTGCATGAAATTCAGAAGAACAACTTCAGCAGGAATTCTTCTATGAGTTTGAAGGGGTGTCAAGCTTG
GCAGTGGGGCCTTTAATTTGATGCTGTCCCTTTTACCAGCAAGGATTATCAGACTACTAGAATTTATTGG
ATTTTCTGGGAATAGGGAGTTGGGCCTCCTGCAGTTACGTGAAGGTGCTTCAGGAAGGAGCATGAGGTCT
GCACTGTGCTGCTTAACCATCTTAGCTTTTCACTTACATCTCCCTAATACTTGGTACAGGAGAAGTGA
ATGTTGCGGAAGCAGAGCGTCTCCTGGCACCTTCTCCAGCAGTTTCCAATGGCTCACTCGTGTGTT
TTATCATGCCCGAATAGAGTTGCTGAAAGGGAATCTTGAAGAGGCACAAGAAGTATTTCAAAAATGCATT
TCAGTTCAAGAAGAATGGAAACAGTTTACCATCTCTGCTACTGGGAGCTAATGTGGATTAAATGTTTTCC
AACAAAACTGGATGCAGGCATATTACTATTCAGATCTGCTTTGCAAAGAGAGTAAATGGTCCAAGGCAAC
TTATGTGTTCTTGAAGCAGCAATTTTGTAGTATGCTTCCAGAGGAGGATGTAGTAGCAACGAATGAGAAT
GTGGAATCTTTATTCAGACAGGTGGACAGCTTGAAGCAGAGAATTGCCGGGAAATCTATCCCTACTGAGA
AGTTTGTGTGAGGAAGGCTCGGCGTACTCCGCCTCTTACCTGCACCTGTGAAGCTCATCTTACCTGC
CCTGGAATGATGTATGTCTGGAATGGTTTTTCAATAGTGAGCAAAAGAAAAGACCTTTCTGAAAATCTG
TTAGTAACTGTTGAAAAGCTGAGGCAGCTTTACAAAGTCAAAATTTTAAACAGCTTCTGTGGATGATG
AGTGCTTAGTGAAGTTACTTAAAGGATGTTGCCTCAAGAACTTACAGCGGCCCTTGAAGCTGAACTATG
TTACAATCATGTTGTGGAAGTAAAAGCTACTGAAGTATGACCACTACCTAGTCCGTTCACTCTATTT
GAATTGGCATCTTTGTATAAAGCCAGGGGAAATGACAAGGCCATAAAGTTCTAGAAAATGCAAGGA
ACAACACAAAGATTACTCCCTGGAGTCCAGACTACACTTCAGAATTCAGGCAGCTCTTACCTCTGGAG
AAAACCTTCTCAGATTGA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_152574 unedited

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CACCAGCAGCCAGAGAGGAAATGGCGCTTTAGGCAGCCGAGCGGAGCTGGAAGCGGACG
AGGACGTTTTTCGAAGATGCCTTGGAAACCATCTCAATATCTTCTCACTCAGATATGGCAA
CAAGCAGCCTTCACTTTGCATCATGTGATACACAACAGGCGCCAGACAGCGCGGAGCGT
CTACTGTCAGCAGTTCATCATCAACCAAGGTGGATCTCAAGAGTGGCCTCGAAGAATGTG
CTGTGGCATTGAACTTATTTCTAAGCAACAAATTTACAGACGCCTTAGAATTGCTTCGCC
CCTGGGCTAAGGAGAGTATGTACCATGCCTTGGGCTACAGTACCATTGTGGTGTGCAGG
CTGTCCTGACCTTCGAGCAACAGGACATCCAGAACGGCATTCTGCCATGAAGGACGCTT
TACAAACCTGCCAAAAATACAGGAAAAAATACACAGTTGTAGAATCTTTCTCAAGTCTTC
TTTCTAGAGGATCCCTGGAGCAACTGAGTGAAGAGGAAATGCATGCTGAAATCTGTTATG
CCGAGTGTCTCCTACAGAAAGCTGCACTCACGTTTGTGCAGGATGAAAATATGATCAACT
TCATCAAAGTGGACTCAAAATTAGAACAAGTTACCAAATATATAAAGAATGTCTTTCTA
TCCTGCATGAN
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_152574 unedited CANGATCGAAGTTTTTCTTTTTNNTTTTTTAATTTTAAAATGGCAATGGATATCTT ATCTTATCTCTCTGGAAATTTAAATACAGGCAACAAAATCTCTGAAGTTTAACTACCCA ACAAATCCAAAATTGGCTCAACTGTAAGCTATTTGCTAAACAATATTAATTTTACATT AAAAAATAAATAATCTAATTAGACTATTGCATCTGCAAGTCTTCAAAGACTTCTTCG CCCCCTAATTCAAATAATATGAAATCTTTGGGGGAGGCAAAAATAAGAATTTTCTAG ATAATATAGAATGCCATTCCATAGGAAAAAAATATGTAGACCAACAGTAAATCTCTCA GATGATAGAAAATATTGACCAAAAAAACTGTTTTTTGTCTTTATTCACAAGATCATTT TTCCACTTTAATAAAGTTGAATCTATAGCAGATGCCGATGCTAATTGAGGAAAAATTC CATCCTTCAAGTTCTGATCAATCTGAGGAAGGTTTTCTCCAGAGGTGAAGAGCTGCCTGA ATTCTGAAGTGTAGTCTGGACTCCAGGGAGTAATCTTTGTAGTTGTTCTTGCAGTTTCT AGGAACTTTATGGCCTTGCAATTTCCCCTGGCTTTTATACAAAGATGCCAATTCAAAT AGAGTGAACGGCACTAGGTAGTGGTCATACTTCAGTAGCTTTTCACTTTCCACAACATGA TTGTAACATAGTTCAGCTTGCAAGGGCCGCTGTAAGTTCTTGAGGCAACATCCTTTTAAG TACTTCACTAAGCACTCATCATCCACAGAGAACTGGTAAAAT
Restriction Sites:	NotI-NotI
ACCN:	NM_152574
Insert Size:	2250 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none"> 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:	<u>NM_152574.1, NP_689787.1</u>
RefSeq Size:	2428 bp
RefSeq ORF:	1851 bp
Locus ID:	158219
UniProt ID:	<u>Q5VTQ0</u>
Cytogenetics:	9p22.3

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]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.