

## Product datasheet for **MC219732**

### **Ttc39b (NM\_027238) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ttc39b (NM_027238) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ttc39b
Synonyms:	1810054D07Rik; 9130422G05Rik; AI450603; AV103077; AW215585
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC219732 representing NM\_027238  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGCTCGTGGCAGCCGAGTGAATTGGACGCGGACGAGGATATCTTTGAAGATGCCTTGGAGACCA  
 TCTCTAGATCTCCATCGGACATGGCCACCAGCGCTTTCACCTTTGTACCATGCGAGACCAACGGACCTC  
 CAGACAGCTTGGAGCATCTGCTATGGGAAGACCTGAAGTTTCATCAGCCAAGGTGGATCTCAAGAGCGGC  
 CTGGAGGAGTGTGCAGAGGCACTGAACCTATTTCTAAGTAACAAATTTAAAGATGCCCTAGAGTTGCTAC  
 GTCCATGGGCCAAGGAGAGCATGTACCACGCTTGGGCTACAGCACCATTTGGTGTTCAGGCTGTCAT  
 GACCTTCGAGCAGCAGGACATCCAGAATGGCATCTCTGCCATGAAGGACGCTTTACAAACCTGCCAAAA  
 TACAGGAAGAAATGCACAGTTGTCGAGTCTTCTCAAGTCTCCTTCTCGAGGGTCCCTGGAACAACCTGA  
 GTGAAGAGGAGATGCATGCTGAGATCTGTTACGCCGAGTGTCTCCTACAGAAAGCAGCACTCACATTTGT  
 GCAGGATGAAAAATGATCAACTTCATCAAAGGTGGACTCAAAATAGAACAAAGTTACCAAAATATAAAA  
 GAGTGCCTTTCCATCCTGCACGTCAATCAGAAGAACAAACAAGAGCAGCACTTCTTCTATGAGTTTGAGG  
 GAGGAGTCAAGCTTGAACGGGGCCCTTAATTTGATGCTCTCTCTTTTACCAGCAAGAATCATCCGGTT  
 ACTAGAATTTATTGGATTTCTGGAAACAGGGACCTAGGCCTTCTGCAGCTCCGGGAAGGCGCATCAGGA  
 AGCAGCATGCGGTCCCGCTCTGTTGCCTTACCATCCTGGCCTCCATACCTACATCTCCCTCATTCTCG  
 GTACAGGAGAAGTGAATGTTGTGGAAGCAGAGAGTCTCCTCGCTCCGTTCCCTCAACAGTTCCCAATGG  
 CTCCCTCATACTTCTATCATGCCGAATCGAGCTGCTCAAAGGGAACACTGAAAAGGCTCAAGAAACA  
 TTTGAAAAGTGCATTTTCAGTTCAAGAAGAGTGGAAACAGTTTACCATCTCTGTTACTGGGAATTAATGT  
 GGATTCATATATACCAACAAAATTGGATGCAGGCGTATTACTATTCAGACCTACTTTGCAAGAGAGTAA  
 ATGGTCCAAGGCAACATATGTGTTCTTGAAGCTGCTATTTTGAGCATGCTTCCAGAGGAAGAGTGGCA  
 CGGACTAAGGAGAATGTGGTGTCTCTGTTTAGACAGGTGGATGGTCTGAAGCAGAGAATCGCGGGAAAT  
 CTCTCCCAACAGAGAAGTTCGCTGTGAGGAAGGCGGAGGACTCACCCCGTCAGGCGTCCCGGAAA  
 GCTGGTGTGCCAGCCCTGGAAATGATGTACGTCTGGAATGGCTTTTCAATAGTGGGAAAAGGAAGGAC  
 CTTTCTGAAAATCTCTGGTACTGTGGAGAAGGCTGAGGAGGCATTGCAGAATCAAGACTTTACTGACT  
 ACTCTGTGGATGATGAATGCTTGGTGAATTAAGTAAAGGATGCTGCCTCAAGAACTTGGAGCGGCCCTT  
 GCAAGCTGAGCTGTGTTCAACCAGTTGTGAAAAGTAAAAACTATTGAAGTACGACCACTATCTGGTG  
 CCATTTACGCTGTTTGAAGTTGGCATTGTTGATAAAAAGCCAAGGGGAAATTGACAAGGCCATCAAGGTCC  
 TAGAAACTGCAAGAAATAACTATAAGGATTACTCCCTGGAGTCCAGGCTACACTTCAGAATTCAGCAGC  
 TCTTCATCTCTGGAAGAAACCTTCCACGGAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_027238
- Insert Size:** 1854 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:**

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\\_027238.2](#), [NP\\_081514.1](#)

**RefSeq Size:** 8764 bp

**RefSeq ORF:** 1854 bp

**Locus ID:** 69863

**UniProt ID:** [Q8BYY4](#)

**Cytogenetics:** 4 C3

**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]