

Product datasheet for **RN214806**

Ttc39b (NM_001106665) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttc39b (NM_001106665) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ttc39b
Synonyms:	RGD1305797
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214806 representing NM_001106665
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGCTCGTGGCAGCCGAGTGAATTGGACGCGGACGAGGACATCTTTGAAGATGCCTTGGAGACCA
 TCTCTAGGTCTCCATCAGACATGGCAACCAGCGCTTTCACTTTGTACCGTGTGACACCAACCGGACTTC
 CAGACAGCTGGGAGCGCCTGCTGTGGGAAGAGCAGAAGTTTCATCAGCCAAGGTGGATCTCAAGAGCGGC
 TTGGAGGAGTGTGCAGCGGCGCTGAACCTGTTTCTCAGTAACAGATTCAAAGATGCCTTAGAGTTGCTTC
 GCCCATGGGCCAAGGAGAGCATGTACCACGCCTTGGGCTACAGTACTATTGTGGTGTGCAGGCTGCAT
 GACCTTTGAGCAACAGGACATCCAGAATGGCATTTCGCCATGAAGGACGCTTTACAAACGTGCCAAAA
 TACAGGAAGAAGTGCACAGTTGTGGAGTCTTCTCCAGTCTCTTTCTCGGGGTCACTGGAACAACCTGA
 GTGAAGAGGAGATGCATGCCGAATCTGTTATGCCGAGTGTCTCCTACAGAAAGCAGCACTCACGTTTGT
 GCAGGATGAAAAATGATCAACTTCATCAAAGGTGGACTCAAAATTAGAACAAGTTACCAAAATATATAAA
 GAGTGCCTTTCTATCCTGCACGTCAATCAGAAGAACAAGAGAGCAGCATTTCTTCTACGAGTTTGAAG
 GAGGAGTCAAGCTTGAACGGGGCCTTAATTTGATGCTGTCTTTTTACCAGCAAGAATCATCCGATT
 ACTAGAATTTATTGGATTTCTGGAAACAGGGACTGGGCCTTCTGCAGTACGGGAAGGTGCATCAGGA
 AGCAGCATGCCGTCCCCTCTGTTGCCTTACAATTCTGGCTTTCCATACCTACATTTCCCTGATTCTCG
 GTACAGGAGAAGTGAATGTTGCGGAAGCAGAGAGTCTCCTTGACCGTTCCTTCAGCAGTCCCAAAATGG
 CTCCCTCATCCTCTTCTATCATGCCGAATCGAGCTGTGAAAGGCAACGCTGAAAAGGCTCAAGAAACA
 TTTGAAAATGCATTTCAAGTCAAGAAGAGTGGAAACAGTTTACCATCTTTGTTACTGGGAATTAATGT
 GGATTTATATATACCAACAAAAATTGGATGCAGGCGTATTACTATTCAGATCTACTTTGCAAGAGAGATA
 ATGGTCCAAGGCAACATATGTGTTCTTGAAGCTGCCATTTTGAGCATGCTTCCAGAGGAAGAAGTGGCA
 GTGACTAAGGAGAATGTAGTGTCTCTGTTGAGCAGGTAGATGGCTTGAAGCAGAGAATCGCCGGGAAAT
 CTCTCCCAACCGAGAAGTTCGCTGTGAGGAAGGCTCGGAGGACTCTCCCTCTTCGGGTGTCCCAGGAAA
 ACTCGTCTTGCCAGCCCTGGAAATGATGTACGTCTGGAACGGCTTTTCAATAGTGGGCAAAAGAAAGGAC
 CTTTCTGAAAACCTCTTGGTACTGTGGAGAAGGCTGAAGAGGCTTACAAAATCAAACCTTACTGACT
 ACTCCGTGGACGACGAATGCTTGGTGAAGTACTGAAAGGATGTTGCCTCAAAAACCTACAGCGGCCCTT
 GCAAGCCGAGCTGTGTTCAACCATGTTTGGAAAGTGAAGCTATTGAAGTATGACCACTACCTGGTG
 CCATTCCTCTGTTTGAAGTGGCATTGTTGATAAAAAGTCAAGGGGAAATCGACAAGGCCATCAAGGTCC
 TCGAAACCGCAAGAAACAACCTACAAAGTACTCCTTGGAGTCCAGACTACACTCAGAATTCAGCAGC
 TCTTCATCTCTGGAAGAAGCCATCCTCAGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106665

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_001106665.1](#), [NP_001100135.1](#)

RefSeq Size: 2676 bp

RefSeq ORF: 1854 bp

Locus ID: 298186

UniProt ID: [D3ZC96](#)

Cytogenetics: 5q31

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]