

Product datasheet for **RN214526**

Mogat2 (NM_001109436) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mogat2 (NM_001109436) Rat Untagged Clone
Tag: Tag Free
Symbol: Mogat2
Synonyms: MGC189143
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN214526 representing NM_001109436
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTGAATTCGCCCCCTGTTGGTACCATGGGAGCGCAGGCTACAGACCTTCGCGGTCTTCAGTGGG
TCTTCTCCTTCTGGCCCTGGCCAGCTCTGTATCTTCATCTTCATCGGCCTCCTATTCAGGAGTTCCTG
GCTCTTCTCAGTCTATATGCCACCTGGTGGTACCTGGACTGGGACAGGCCGAGGCAGGGAGGCCGCC
ATCCAATTCCTCAGACGCATGGCCATATGGAAGTACATGAAGATTTCTCCCTGTCTTTGGTCAAGA
CAGCTGAGCTGGACCTTCCCGAACTACATCGCAGGCTTTCACCCCATGGAGTCTGGCGGCCGGAGC
CTTTCTAACCTGTGCACTGAAAGCACAGGCTTTACCTCGCTCTTCCAGGCATTCGCTCCTATCTGATG
ATGCTGACTGTGTGGTCCGGGCCCTTCCGAGATTACATCATGTCTGGGGGGTGGTCTCGTCAG
AAAAGGTGAGTGCTGATCACATTCTGAGCAGAAAGGGCGCGGAACTTGCTAGCCATCATCGTTGGGG
CGCACAGGAAGCACTGGATGCCAGGCCCGGAGCCTACAGGCTGCTGCTGAAGAATCGCAAGGGCTTCATC
AGGCTCGCCCTGACACATGGGGCAGCTCTGTGCCGATCTTCTCCTTTGGGGAGAACAACCTGTTAACC
AAGTTGAGAACACCCCTGGCACCTGGCTGCGTGGATCCAGAAGTGGCTGCAGAAGATCATGGGCATCTC
CCTTCGCTCTTCCATGGCAGAGGTGTCTTCCAGTACAGCTTTGGCCTCGTGCCCTCCGCCAGCCATC
ACCACCGTAGTGGGAAGCCATCGAGGTGCAGATGATACCACATCCCTCGGAGGAGGAGGTGAACCGGC
TTCACCAGCTCTATCAAGGAGCTATGCAAGCTCTTTGAGGAGCACAACTCAAGTTCAACGTCCTGGA
GGACCAGCATCTGGAGTTCTGCTAA

ACGGTACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001109436



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Insert Size:	1005 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_001109436.2</u> , <u>NP_001102906.2</u>
RefSeq Size:	1774 bp
RefSeq ORF:	1005 bp
Locus ID:	681211
Cytogenetics:	1q32