

Product datasheet for **RN203336**

Mboat7 (NM_001134978) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mboat7 (NM_001134978) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mboat7
Synonyms:	Leng4; RGD1306945
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN203336 representing NM_001134978
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACACCCGAAGAATGGACATATCTAATGGTCCTTCTTATCTCCATCCCTGTTGGCTTCTCTTTAAGA
 AAGCTGGACCTGGGCTGAAGAGATGGGGGCAGCAGCTGTGGCCTGGGGCTCACCTTATTCACCTGTGG
 CCCCCACAGTTTGCATTCTGTATCACCATCTTGGGAACCTGGGCCCTCATAAGGCCAGCCCTGCTCC
 TGCCACGCGTGGCTCTTGCCTGGACCTTCTCCTATCTTCTTCTTCCGAGCCCTCAGCCTGCTGGGCC
 TGCCCACTCCACACCCCTCACCAATGTGTCCAGCTGCTGTTGACACTGAAGTTGGTGAGTCTGGCCAG
 TGAAGTCCAGGATCTTCATCTGGCCAGAGAAAGGAAATGGCCTCCGGCTCAGCAAGGAGCCTACCCTG
 GGCCTGCTGCCTGATGTCCCTCTTTGATGGAGACTCAGCTACAGCTACTGTTATGTGGGAATCATGA
 CAGGCCATTCTCCGCTACCGACCTACCTGGATTGGCTGGAACAGCCCTTCCGGAAGCCGTGCCAG
 CCTGAGGCCCTGCTGCGCCGCGCTGGCCAGCCCGCTTTTGGCCTGCTTCTCTGCTGCTCCTCAT
 CTCTCCCACTGGAAGCTGTGCGTGAGGATGCCTTCTACGCCCGCCCGCTGCCACCCGCTCTTCTACA
 TGATCCCGGTCTTCTTCGCCTCCGCATGCGCTTCTACGTGGCCTGGATTGCGGGCCGAGTGCGGTTGCAT
 TGCCGCGGGCTTCGGGGCTACCCTGTGGCTGCCAAAGCCGGGCGGTGGCGGCCACCCCTCCAATGC
 CCACCCCTAGCAGTCCGGAGATTGAGCTTCCCTGGAGTATGACTATGAGACCATCCGTAACATCGACT
 GCTATGGCACAGACTTCTGCGTGCCTGTGCGGGATGGCATGCGGTACTGGAACATGACCGTGCAGTGGTG
 GCTGGCACAGTACATCTACAAGAGTGCACCTTTCTGCTCCTACGTTTTGAGGAGTGCCTGGACCATGCTG
 CTGAGTGCCTACTGGCATGGCCTCCACCCTGGCTACTACCTAAGCTTCATGACCATCCCGCTGTGCCTGG
 CTGCTGAGGGCTATTTGGAGTCAGCCTTGGGAGACATCTGAGCCCGGGGGCCAGAAAGCCTGGGACTG
 GTTCCACTGGTTTCTGAAGATGCGTGCCTACGACTACATGTGCATGGGCTTTGTGCTCCTTCCATGGGT
 GACACACTCCGGTACTGGCCTCCATCTACTTCTGGGTCCACTTCTAGCCCTGGCCTGCCTGGGGCTGG
 GGCTGGCTTTGGGTGGGGCAGCCCAAGAGGAAGACACCATCCAGGCCACCACCAGCCAAGCCAA
 GGAAAAGCTGCGGAAGAG**TAA**

ACGGTACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001134978
- Insert Size:** 1422 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_001134978.1, NP_001128450.1
RefSeq Size: 2303 bp
RefSeq ORF: 1422 bp
Locus ID: 308309
Cytogenetics: 1q12