

Product datasheet for **RN216797**

Micu3 (NM_001191892) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Micu3 (NM_001191892) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Micu3
Synonyms:	Efha2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN216797 representing NM_001191892
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGCGCTGCGGAGGCTTCTGTGGCCGCCCTCGGCTTTCGCCGACGCTCGCCCTCAGCAGCCAT
 TCCTCTCGCCATGGGGCGGCCTGCGGGGACGGCTCCGGGGATGTCGGGTCGGCCCTTCCGGCCGGGA
 AGAGGACGAGGGGGCGTAGCGGAGCGCGTGGCGGCGCGCGCTGGGGTGAAGCTGAGCATCGCGGCG
 GCAGCGGGCGGGGGCTGGTCCGCCCTGTGTGCTACCAGCTGTATGGGACCCAGAGCCGACCCCTCGG
 AGCTAGTGGCCCCAGAGCTGGACGAATCGCCCCGCGCAGGGGGCTGCTGCCATCCCGGTGGCTGCTGC
 CAAGGAGACGGTTGCTACTGGCAGAGCCGTTACTGAAGACTTGGACCTCTATGCTACATCTCGAGAGAGA
 CGGTTTCGTTTATTTGCATCTATAGAATGTGAAGGACAGTTATTCATGACTCCATATGATTTTATTCTGG
 CTGTTACAACAGATGAGCCAAATTTGCTAAAACGTGGAAGTCACTTTCTAAACAGGAATTAAGTCAGAT
 GCTTTCAGAACTCCACCAGTTTGAAGGGATCATCAAAGCTTTTTCGAAATCTTAAAGAAAGAGGTGTG
 ATTTCTTACACGGAATATCTTTTCTTTTATGTATTTTAAACAAAGCCCATGCAGGTTTTAGAATAGCTT
 TCAACATGTTTGACACTGACGAAACGAGATGGTGGATAAAAAAGAAATTTTGGTGCCTTCAACTTTA
 TGGATACCATTCTCTACTAATAGTGTACTTAAACCAGATGCTGAGGAACTTGTCTCCAGAAGCTACTGG
 GATACCCTGAGACGTAGCACAAGCCAGGCGCTCTTCTCAGACCTTGACAGCGTGTGATGACATCACAA
 GCTTAGTAGCAGATACTACACTTCTGTACACTTTTTTGGAAAGAAAGGAAAAGCTGAGCTCAACTTTGA
 AGATTTTATAGATTTATGGATAATCTACAAACAGAAGTTCTAGAAATAGAATTTCTTCTACTCTAAT
 GGAATGAATACTATCAGTGAAGAAGATTTTGCCCATATTCTTCTACGGTATACTAATGTGAAAATACAT
 CAGTGTTTTTGGAAAATGTGCGCTACAGTACCTGAAGAAAAGGGTATCACATTTGATGAATTCAGGTC
 ATTTTCCAGTTTCTAAACAACCTAGAAGACTTTGCAATAGCTCTCAATATGTATAACTTTGCAAGCCGT
 TCTATAGGACAAGATGAATTTAAACGTGCTGTATACGTAGCTACGGGACTGAAACTTTCACCACATTTGG
 TGAACACTGTCTCAAGATTTTCGATGTTGACAAAGATGACCAATTAAGTTATAAAGAAATTTATTGGGAT
 TATGAAAGACAGACTCCACAGAGGGTCCGGGGTTATAAAACAGTCCAGAAGTATCCGACTTTCAAATCC
 TGCCTGAAAAGGAACCTCATAGCAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001191892
- Insert Size:** 1500 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001191892.1](#), [NP_001178821.1](#)

RefSeq Size: 1865 bp

RefSeq ORF: 1500 bp

Locus ID: 364601

Cytogenetics: 16q12.1