

Product datasheet for **RN204466**

Miga2 (NM_001106566) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Miga2 (NM_001106566) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Miga2
Synonyms:	Fam73b; RGD1310887
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204466 representing NM_001106566
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCATTCCGTAGGACTGAGGGTATGTCCATGATCCAGGCTCTGGCCATGACTGTGGCTGAGATACCAG
 TGTTCCTGTACACGACTTTTGGTCAGTCTGCGTTCTCCCAACTGCGGTTGACCCAGGCCTGAGAAAGGT
 TCTTTTGGCCACGGCCCTCGGGACTGTGGCCTTGCCCTGGCTGCCACACAGCTGAAAAGCGCCGTCGG
 AAGAAGAAACAGGTGGGCCCCGAGATGGGAAGTGAGCAGCTGGGCACCTTCCCCATGCCATCCTCATGG
 CCCGCAAGGTCCCTTCGGTGAAGAAAGGCTGCTCCAGCCGGAGGGTTCAGAGCCCCAGCAGCAAGAGCAA
 CGACACTCTGAGTGGTATCTCTCCATAGAGCCCAGCAAGCACTCAGGCTCTCCACAGCCTGGCCTCG
 ATGGTAATGGTCAATTCACGCCCTACAGCTGCGTGCTCAGGCTCATGGAAACCAGAGGGATGGAGG
 AGTCTGTGCCACCATGGATGGCAGTGCTGAGAGCCTCTATGTGCAAGGCATGGAGCTGTTTGAGGAAGC
 CCTGCAGAAATGGGAGCAGGCACTGAGTGTGGGTGAGAGGGGACGGAGGCAGCACCCCCACACAGGT
 GACAGCCTCCAGAACCCAGACACCTCATCTGAAGCACTGTGAGGCCAGAGTCAACAGAAAGGGAGTTTG
 CTGAGAAGCTGGAGTCCCTGTTGCACCGGGCCTACCATTTGCAGGAAGAGTTCGGATCCACCTCCCTC
 TGACAACATGCTGCTGGACCTTGAGAGGACCCTAATGCTGCCCTGACTGAGGGCTCATTGTGTCTGCGA
 GCTGATGATGAGGACAGCCTGACCTCAGAAGACTCCTTTTCTCAGCCACTGAGCTCTTTGAGTCCCTGC
 AGATCGGAGAGTACCCGCTTCTCTCTCCAGGCCCGCTGCTGCCTACGAGGAGGCTCTGCAGCTGGTGAA
 GGAGGGGAAAGTACCTTGTGCAACACTCAGGACAGAGCTGCTAGGCTGCTACAGTGACCAAGATTTCCTG
 GCCAAGCTGCATTGTGTACGGCAGGCCTTTGAGGGGCTTCTAGAAGAAAGGAACAACAGGTGTTCTTCG
 GGGAGGTGGCCGGCAGATGGTGACAGGCCTAATGACCAAGGCTGAGAAGAGTCCAAGGGCTTCCTGGA
 GAGCTACGAGGAGATGTTGAACACGCCCTGCGGCTGAGACCTGGGCTACCAACCGGTTGGAGCTGGAG
 GGCAGAGGGGTGGCATGCATGAGCTTCTTCGACATCGTGTGGACTTCATCCTCATGGATGCCTTTGAGG
 ACCTAGAGAACCCTCCATCTTCGGTGCTGCTGCTGCGGAACCGTTGGCTGTCTGATAGCTTCAAGGA
 AACAGCCCTGGCCACCGCTGCTGGTCTGTCTGAAAGCAAGAGGAGGCTTCTGATGCACCAGATTGTG
 CAATACCTGAGGGACATGTTGACCTGGACAACGTGCGCTACACTTCTGTGCCAGCCCTAGCAGAAGACA
 TCCTACAGTTGTCCGGCGCCGAGCGAGATTCTGTTGGGCTACCTGGGGCACCAAGTGGCTAGTAGCAC
 CGGGCTGAATGGGCCACTGCCTCGAGAGAATGGGCCCTGGATGAGCTGCAATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106566

Insert Size: 1665 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_001106566.1, NP_001100036.1

RefSeq Size: 3293 bp

RefSeq ORF: 1665 bp

Locus ID: 296623

Cytogenetics: 3p12