

Product datasheet for **RN216832**

Mier3 (NM_001168000) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mier3 (NM_001168000) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mier3
Synonyms:	RGD1311241
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216832 representing NM_001168000
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCTGGTCCATGACTATGATGATGAAAGAAGCTAGAGGAAGAGGAATTGATGGGTGACGGCAAAAAC
 TCAGTTCTGAAATTGAAGACCTGGAAAAGGAAGAAATATGCCTCTAGAAAGATCTGTTGGCATTCTACGG
 CTATGAATCTACAATTCCAACGGTTGCAAAATCCAGTGCAAACAGCTCCCCAAGTGAAGTTCGAGACGAA
 CTACCAGATATGACTCTAGACAAAGAAGAAATAGCAAAGACCTGTTGTCGGGCGATGATGAGGAAACCC
 AGTCTTCTGCAGATGACCTGACACCGTCTGTGACTTCCCATGAACTTCAGACTTCTCCCGCGCCTTT
 ACGATCAAACACAACATGTGATGGAGATAAGGAATCAGAGATTGAGGACGTTGAAACGGACAGTGGTAAC
 TCACCTGAAGATTTGAGAAAGGAAATAATGATTGGTCTACAGTATCAGGCAGAAATCCCCCTTATCTTG
 GCGAGTACAGTGGTATGAGAAAGCTTATGAAATGAAGACCAGTACTGTGGCGTCTGATGTGGTTTT
 GGAGAGCAAAGTCAAGGAGTACCTTATTGAGACCTCATTAAAGAACTGGAAATGAAAAGTCTAGACAGA
 ATTTCTCAGGCACACACCAGGGATAACGAACAGGCATTATATGAACTTCTCAAGTGAACCAACATG
 TTACGGAGGCAATCGAAAGGTAAGTCTGTAATGAAAGGCGTCTCAAGAAGGAATGACAGCTTGGACTGA
 AGAGGAGTGCCGGAGTTTTGAACATGCGCTAATGCTTTATGGGAAAGATTTTCATCTCATTGAGAAGAA
 AAGGTGAGATCGAGAAGTGTGCTGAATGTGTAGCCTTCTACTACATGTGGAAGAAGTCAGAACGCTACG
 ATTACTTTGCTCAACAGACAAAATTTGGAAAGAAACGCTATAACCATCATCTGGCGTTACGGACTATAT
 GGATCGTCTTGTAGATGAAACAGAGTCTCTGGGTGATACGGTCAGTCTTCAGCCTTAACTTCTAACCGG
 CCTGAGCCATTCTGATCAGCCGCTGAACATTCTCAGCTCCTTCACTGCCAGTACTTGACAGCTTTGA
 CCAACAGTGTAGCAACTGTCTGCAACCCACAGATGTGAGTTGTCTGGATGATAGCTTTTCTCCACTGGG
 GAACGCGCCCCGTGGACAAGTCAATCATGTGCCTGTCGTAAACGGAAGAGTTACTCACCTGCCAGCAAT
 GGTGAAAGTATTGTTTTAACTTATTTGAGACTGGATTTTATCACTCAGAGTTAAACCCCATGTGCAGCG
 AAGAATCGGAAAGACCAGCAAAGAGATTGAAAATGGGCATTGCTGTCCCGGAATCCTTTATGAATGAGGT
 TTCTGTTAATAACCTGGGTGTAGACTTTGAAAATCACACACATCACATCACCAAGTCCAAAATGGCTGTT
 TCTGTGGTACTTTGGCAGTTGTCTGCCAGTGAGACAAACGGATTATCAATGCCACACTCTACATC
 AGCACGCAGCCCTTCATTAGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001168000
- Insert Size:** 1566 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_001168000.1](#), [NP_001161472.1](#)

RefSeq Size: 4758 bp

RefSeq ORF: 1566 bp

Locus ID: 310086

Cytogenetics: 2q14