

Product datasheet for **MC218883**

Mier3 (NM_172593) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mier3 (NM_172593) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mier3
Synonyms:	5730509D14; AU015422; D130064H19Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC218883 representing NM_172593
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCGGAGGCTTCTTTGGAAGTTCGAGCCAGTTGGGTCTTTGTCTTCTGAGGACCATGACTTTGACC
 CCACTGCTGAGATGCTAGTTCATGACTATGATGATGAAAGAACTCTAGAGGAAGAAGAGTTGATGGACGA
 CGGAAGAAGCTTCAGCTCTGAAATTGAAGACTTAGAGAAGGAAGGAACATGCCGCTAGAAGACCTGTTG
 GCGTTCTACGGCTATGAATCTACAATCCACGCGTTGCGAATCCAGTGCAAACAGCTCCCCAAGTGAAC
 TTGCAGACGAAGTACCAGACATGACTCTAGACAAAGAAGAGATCGCGAAAGACCTGCTGTCCGGCGATGA
 CGAGGAAAGTCACTCTCCGCTGATGATCTGACACCGTCCGTGACTTCTCATGAGACTTCGGAGTTCTTC
 CCCCAGCTTTACGATCAAACTACATGTGATGGAGACAAGGAGTCCGAGATTGAGGACGTTGAAACGG
 ACAGTGGTAACTCACCTGAAGATTTGAGAAGGGAATAATGATTGGTCTAGAGTATCAGGCAGAAATTC
 CCCTTATCTTGGCGAGTACAATGGTGACGACGAGAAAGCTTATGAAAATGAGGACCAGTTACTGTGGCAT
 CCTGGTGTGCTTTTGGAGAGCAAAGTCAAGGAGTACCTTGTGAGACCTATTGAGAACTGGAAATGAAA
 AAGTCCTAGACAGGATTTCTTCAGGCACACACACAGGATAATGAACAGGCATTATACGAACCTTCTCAA
 GTGTAACCACAATATAAAGAAGCAATTGAAAGGTACTGCTGTAATGAAAGGCATCTCAAGAAGGAATG
 ACAGCATGGACGGAAGAGGAGTGCCGAAGCTTTGAACATGCACTGATGCTTCATGGAAAAGATTTTCATC
 TCATTAGAAAAGATAAGGTGAGGTCTAGAACGTTGCCGAGTGGTAGCCTTCTACTACATGTGGAAGAA
 ATCAGAACGCTATGATTACTTTGCTCAACAGACAAAATTTGGAAGAAACGCTATAACCATCACCTGGT
 GTTACGGACTACATGGATCGTCTCGTAGATGAGACAGAGTCTCTGGTGGTACCGTCAGTTCTTCAGCCT
 TAATTGTAACCGGCTGAGCCCGTTCTGATCAGCCGCTGAACATTCTCAGTCTCTTCACTGCCAGTGA
 CCTGACAGCTTTAACCACAGTGTAGCAACTGTCTGCAACCCACCGCTGTGAATTGTCTGGATGACAGC
 TTTCTCCGCTGGCCAACACGCCTCGTGGACAGTCAATCATGTGCCTGTGTAACGGAAGAGTTACTCA
 CCCTGCCAGCAATGGTGAAGTATTGTTTTAATTTATTTGAGACTGGATTTTCACTCAGAGTTAAA
 CCCCATGTGCAGCGAAGAATCCGAAAGACCAGCAAGAGATTGAAGATGGGCATTGCTGTCCCCGAATCC
 TTTATGAATGAGTTTCTGTAACAACCTGGGTGTAGACTTTGAAACCATACACATCACATCACCAGTG
 CCAAAATGGCTGTCTCTGTAGCTGACTTTGGCAGTTTGTCTGCCAACGAGACAAACGGATTATCAATGC
 CCATAGTCTGCATCAGCACCAGCAGCCGCCCTTCATTAGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_172593

Insert Size: 1656 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_172593.3](#), [NP_766181.2](#)

RefSeq Size: 5277 bp

RefSeq ORF: 1656 bp

Locus ID: 218613

UniProt ID: [Q3UHF3](#)

Cytogenetics: 13 D2.2

Gene Summary: Transcriptional repressor.[UniProtKB/Swiss-Prot Function]