

Product datasheet for **MC221399**

Prdm13 (NM_001080771) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Prdm13 (NM_001080771) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Prdm13 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >MC221399 representing NM_001080771
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCCCGCCACGTCACTCCGCGACAGAAGACGCACGTGCGGGTGC GGTCCTCTGCATGCGGCT
 GCTCCTGGTTCTGCACTTGCGCCCGTGGAGGACCCCGAGGCCAGCGTCTGCTGGCGCGGTGGC
 AACAAATGCACGGAACCTCTCGCACTTCCGCCACCAAGCGTGAACGCTGACTGCTGCATCCCGGCTGGCTTG
 CGCCTTGGGCGGTGCCTGGCACCTTAAGCTGGGCAAGTACCTGTGAGATCGCAGGGAACCAAGGCCCA
 AGAAAAAGGTGCGCATGGTGAAGGGGAGCTGGTGGACGAGTCAAGGGGCTCCCTCTGGAGTGGATAGG
 GTTAATCCGGGCAGCCAGGAATCCCGAGAACAGACTCTGGAAGCTATTGCAGACTTACCAGGAGGACAG
 ATCTTCTATCGGGCATTGCGAGACGTCCAGCCTGGGGAAGAGTCACTGTGTGGTATTCTAACTCCTTGG
 CTCAGTGGTTTGACATCCCTACAACGCGACTCCAACGCATGATGAGAAAGGGGAGGAGCGCTACATCTG
 CTGGTACTGCTGGAGACCTTTCGCTACCTAACAGCCTCAAGGCACACCTGCGGTTCCACTGCGTCCCT
 AGTGGCGCGGGGCGCTTTCTGCCCCAGGAGCACGCGGCCCGGCCGCGCTTCCCGGTGGCAG
 AAGGCCTCGGCCCTCCCTCCGAAACCCACCGTCCCGGACTTGACGGCGCCCGTCCAGGCAATCGCTTGGC
 ACCCAAGCTCCGGCCGCTCAGCTCGCCAGGCGTGGGGGCGCGGAGAGCATCAAGCGGGAGGCTTCC
 CTGGCGCCCTGGCCACCTCCCGCCCGCGGCAAGTGGGGAACGCCAAGAAGGCAAGGAGCAGCCGG
 ACCGCGCGCACAGTCAATTCCTGGGGATAGTGGGCGGCTCCTCGGGCGCGGGGAGGCTGCCATTCTA
 CCCAGGCGTGCCTCGGCTTCAAGCCGGCCGCTGGCCGGGCGGCTGCGCAGAGCGACCCCTACCGG
 GAAGAGGGCGCGCAAGGACCGGGGCTGGCGCTAGGGCGGCTGCTGGCGGGGCGCGGCCGGCGGGC
 GTCCGGGCAGTGGGAGAGCCCGCGGGCCACCACCACCATCACACCACGCTCACACCACCACCACCA
 CCATCCCAAGTGCCTGCTGGCCGGGAGCGCCCGCGGGCGCTGCCGTGTCCCGGGCCCTGAGAGCC
 TCCCCCTGCTCGCCGGCCACCCGGAAGAGGCGTGGCCTTCAAGCACGTGGAGCGGGCTCCGCCCGCCG
 CCGCCACCACCTCCCTGCCCTCCGCGCGCTACGCGCTCTCCCGCGCCCGGGCTCCCTGTGGAGCGCTG
 CGCGCTGCAGCCCTCGACGGCGGCGAGCCTCAAGGCTTACCCCGCGCGGTGGCGGGCGGAGTGCAGC
 CCCCTGCCCGCGTATGCCGCTTACGCTGTACAGCGGAGACTGCTCTACGGCCCTCCGGCCGCT
 ATTACCCTCTCAAGCTGCACTTGGGCGGGTGTCAAATACCCCGAGTCCATCTCCTATCTGAGTGGCCC
 CGCGGGCGCAGCGCGGGCGGCGGACGCGGCGGGCGGGCGGGCGGATCGGGCCGGCGAAGTGGG
 TCCCTGGCCAGCATCGACCGGAGATCGCCATGCACACACAGCAGCTGTCCGAGATGGCAGCCGGGAAGA
 GTCGCGCCCGCTGGACTCGGGGAGCTGCCTCCAGCCGTAGTGGCGGCGACGGGCCCGGGGGTGGCGG
 CGGTGGCGGGGAGCGGGCAGGCAAGCCCAAGACAGGCCACTTGTGCTCTACTGTGGCAAGCTGACTCG
 CGCAAGTACGGGCTCAAGATCCACATGCGGACGCACAGGGCTACAAGCCGCTCAAGTGCAAAGTGTGCC
 TGCGGCCCTTTCGGCGACCCAGCAATCTCAACAAGCACATCCGACTCCACGCCGAGGGCAATACGCCCTA
 CCGCTGCGAGTCTGCGGCAAGGTGCTGGTGGCCGCGGAGACCTGGAGCGTCAAGTCCCGCCAC
 CCAGGCCAGAGCCTGATGGCCAAGGCGGGCGACGGCCCGGGCCCGGAGCCAGCTATGCTCTGGAGCCTG
 GGGATCCCAAGAGCGAGGACAGTGTGGATGTCTGCTTCACTGACGATCAGAGCGACCCCGAGGCTGG
 GGTCTGTGGCGAGCAGCTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001080771

Insert Size: 2265 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).

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| 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: | <ol style="list-style-type: none">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: | <u>NM_001080771.1</u> , <u>NP_001074240.1</u> |
| RefSeq Size: | 3200 bp |
| RefSeq ORF: | 2265 bp |
| Locus ID: | 230025 |
| UniProt ID: | <u>E9PZZ1</u> |
| Cytogenetics: | 4 A3 |
| Gene Summary: | May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] |