

## Product datasheet for **MC223702**

### Prdm10 (NM\_001080817) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Prdm10 (NM\_001080817) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Prdm10  
**Synonyms:** Gm1112; tristanin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC223702 representing NM\_001080817  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGAGCTGTGGCACTGTGCTGCAGATGCTGCAGGCTTGGCTGCTCTTCCCCAGGTGCACCTTTGTTC  
 CGGATGCCGGAAGTGTGGCTCAGATTGTATACTGACGACCAAGTCCGTCACCCAGCAGGTGGTGTGTA  
 TACAGCAGATGGTGCCTCTACACGTCAGTGGACGGTCCAGAGCACACACTGGTCTACATCCACCCGGTG  
 GAAGCTGCACAGACTCTGTTTACAGACCCAGCCAGGTAGCTTATGTCCAACAGGATGCCACAGCTCAAC  
 AGGTCCAGCACCTTTTTTCATTGGCTCAAGAGGCTTCGAGGCGTTTGACTTCTCTTTAAGCTCGCTTCTCT  
 TGCAGGGTGTGAGGAGTGAACAATGCACATTCTCCGTGTGCCGAAGCATGGCCCTTGCATCCCATC  
 CCTAACCCGGCCTGTGCTCACCCGGCAAGAGCGAGCCTGCCTCTGGTCTCTACATAGATAGGTTCTCG  
 GAGGAGTGTCTCCAAAAGACGGATTCCCAAGCGCACCCAGTTCGGCCAGTGGAGGGCCGCTGGTCAG  
 GGGATCGGAGCTGAAAGATTGCTATATTCATCTCAAGTTTCTCTTGATAAAGGAGACAGAAAAGACAGG  
 GATTTGCATGAAGACCTGGTTTGAGTTGTCCGATGAGACTCTTGAAGTGGATGATGTTTGTGCGCC  
 CAGCCCAAGAACCTAGAACAAGAACTGGTAGCTTACCAATATGGCCACCATGTGATTACACAACAAT  
 AAAGAACGTGGAGCCCAAGCAGGAAGTGAAGGTGTGGTACGCTGCATCCTACGCTGAGTTCTGTAATCAG  
 AAAATCCATGACATATCTGAAGAAGAGAGAAAGTTCTTCGAGAGCAAGAGAAGAACTGGCCGTGTATG  
 AGTGCAATCGGCGGTTTATCAGCTCAGAGCAGCTGCAGCAGCATCTTAATTCTCACGATGAGAACTGGA  
 CGTGTTTACCAGGACTAGAGGGAGAGGAAGGGTTCGAGGGAAGAGGAGATTTGGTCTGGCCGGCAGCC  
 GGGCGTCTCCAAAATTTATCCGTTTGGAAATCACCAAGTAAAAATGGGAAAAGAGTGACGACGGAACAC  
 AGGACTTGCTGCATTTCCCTACAAAGGAACAGTTTGTGAGGCAGAACCACTACTCTGAATGGACTAGA  
 TCAGCCAGAACAAGCGTCCATCCCAATTCCTCAGCTGCCACAGGAAACCCCGCTTCTCTGGAGCAGGAA  
 CCAGAAACTCACACCTTGACCTGCAGCCACAGCAAGAGGAGAGCCTCGTGCCTACCCAGACCCTCTGA  
 CAGCCGATGACATGCGCAGGGCCAAACGCATCCGAAATGCAGCTTTTCTGAGCATCTGTTTATCCGGAAGTC  
 TTCCGGCCTTTTAAAGTGTCTGCAAGTGTGGGAAGGCTTCCGGGAAAAGGACAACTGGACCAACACTTG  
 CGCTTCCATGGGCGGGAGGGGAAGTGCCTGTGATCTCTGTAACAAGGCTTTCATCAGCAGCG



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CCTCCTTGAGAGCCACATGAAGCTGCACTCGGACCAGAAGACTTACTCTTGCAATTTTTGCCAGAATC
CTTTGACCGCCTTGATTTGTTGAAAGATCATGTGGCCATTCATGTCAATGATGGCTGCTTACCTGCCCA
ACTTGTAAAGAACGGTCCCAGATTTTATCCAGGTGAAAAAGCACGTGCGAAGTTTCCACTCTGAAAAGA
TCTACCAAGTGTACAGAGTGTGACAAGGCCTTCTGTGCGCCCGACAAGCTGAGACTGCACATGCTCCGGCA
TCCGACCGCAAGGACTTCTGTGTTCCACCTGCGGGAAGCAGTTTAAGCGAAAAGACAACTCCGAGAG
CACATGCAAAGGATGCATAACCCCGAGAGGGAGGCCAAGAAAGCTGACCCGATCAGCCGTTCCAAGACCT
TCAAACACGGATCACATCCACAGACTACGACAGCTTACAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTC
CCGGCGGCGAGGCATGCTGGTAAATCACTTATCAAAGAGACATCCAGACATGAAGATAGAAGAGGTGCTT
GAGTTGACCTGCCATCATAAAACCCAATCGAGATTACTTCTGTGAGTATTGTGATAAAGATGAGATGT
CTTACTTTGCTTTAAGCAAGAAAGTGGCACTGTACATTGCTTTTATGGTCAAATATTTAACCTGCAGGT
TTATAAGAGCGCCAGCAAGCGCAAAGCCACATTTCTGAAGAACCACCCAGGAGCTGAGCTCCCGCAAGT
ATTCGAAACTGCGTCTGCTGGCCCTGGAGAGCCTGACCCTATGCTGAGCACCCACACTCAGCTGACGG
GTACCATTTGCCACCCCTCTGTCTGCTGCCACACTGCTCCAAGCAGTATAGCAGCAAGACCAAGATGGT
GCAACACATTCGAAAGAAACACCAGAGTATGCCAGCTTCCCAACACCATCCACACACCCTGACGACA
GCTGTGATCAGCGCCACCCAGTGTCTTAACGACAGATAGTCCACTGGAGAGACTGTGGTGACAACAG
ACCTGCTAACTCAGGCGATGACAGAAGTCCAGACCTTAACAACGGATTACCGAACACCTCAGGGGGA
CTACCAAAGGATTCAGTATATCCCTGTGTCTCAGTCAGCATCTGGTCTGCAGCAGCCTCAGCACATACAG
TTGCAAGTGGTGCAGGTGGCTCCGGCCACTTCCCACATCAGTCTCAGCAGTCCACAGTGGACGTTGGCC
AGCTGCACGACCTCAGACTTACACGCAGCAGCCATCCAGGTGCAACACATCCAGGTCCAGAGCCCGC
CCCTGCGGCTCCGTGAGCATCCAGGTAGCTGGCAGCCATTGAGCCCTCTGCTCAGCAGGTACAGCAG
GGGCTCAGCCCTCCCATATCCAAGGCAGTCTTCCACACAAGGGCAGGCTCTCCAGCAGCAGCAGAATT
CCTCTGTACAACACATACCTCCCAATGCTTGAAGTCTTCCGTGGTACTCTGCTGTGTCTGCTGG
AGATACCAGCCATGAGTCCGCATCTGAAATCAAATGATGACACTGCCCCAGGTGAGTTGTGATCACA
GACAGTGGTGTGGCAACCCCTGTTACTTCTGGCAAGTGAAGCAGTGACTCCGGGTATTATGTGTTAT
CAGAAAGCCAGCCAGAATTGGAGAAAAGCAAGCCTCTGCTCTCTGGAGCAGTCCAGGTTCAGCCCTC
TGACACAGTACTCCCTGGACTCCACAGGCCAGCCAAACAGCAGACTACACAGTACATCATCACAACC
ACCACCAATGGCAACGGGGCAGCGAAGTGACATCACCAAGCCGTAG

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**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_001080817
- Insert Size:** 3408 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\_001080817.1, NP\_001074286.1  
RefSeq Size: 3408 bp  
RefSeq ORF: 3408 bp  
Locus ID: 382066  
Cytogenetics: 9 A4