

Product datasheet for **RN215596**

Prdm1 (NM_001107639) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prdm1 (NM_001107639) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prdm1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215596 representing NM_001107639
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTGGATCTTCTCTTGAAAAGCGTGTGGGTACGACCTGGCTGCCCCCAAGTGAACCTCGGTTCCG
 TGAAGTTTCAAGGATTGGCAGAGACGTCTGGGATCATGAAAATGGACATGGAGGACGCGGATATGACTCT
 GTGGACAGAGGCCGAGTTTGAAGAGAAGTGTACGTACATAGTGAACGACCACCCCTGGGATTCCAGCGCC
 GACGGGGTACTTCTGTTCAAGCCGAGGCATCCTTACCAAGAACCTGCTCTTCAAGTATGCCGCCAACA
 ACAGCAAAGAGGTTATTGGTGTGGTGAGTAAGGAATACATCCCAAAGGGAACGAGGTTCCGACCCCTGAT
 CGGCGAAGTCTACACCAACGACACGGTCCCAAGAATGCCAACAGGAAATATTTTTGGCGGATCTATTCC
 AGAGAGGAGTCCACCACTTCATCGACGGCTTAAACGAGGAGAAAAGCAACTGGATGCGATACGTGAATC
 CAGCTCACTCTGCCCGGAGCAGAACCTGGCCGCTGCCAGAACGGAATGAACATCTATTCTACACTAT
 TAAGCCTATCCCTGCCAACAGGAACCTTCTGTGTGGTATTGCCGGGACTTTGCGGAGAGGCTCCACTAC
 CCTATCCTGGAGAGCTCACAGTATGAATCTCACACAAACAGAAAGCAACCCAAAGCAATACAGCAGTG
 AGAAAAATGAACTCTACCCAAAGAGTGTCCCAAGAGAGAGTACAGCGTAAAAGAAATCCTCAAAGTGA
 CTCCAATCCCTCCAAAAGGAAGGACAGCTACCGTTCCAACATTTACCCTACACTTCAGAAAAAGACATG
 GATGGCTTTCCGAAAAATGGGAGCCCGGACATGCCCTTACCCTCGGGTGTGTATCCCATCCGGGCAC
 CTCTGCCAGAAGACTTTTTGAAGCGTCCCTGGCCTATGGGATGGAGAGACCCACCTACATCACTCACAG
 CCCCCTCCGCTTCCACAACCTCAAGTCCCTTGCAAGCAGTAGCCAGAGCAGAGCCTCAAGAGCGCC
 AGCCCCACGGCAGCCCGGGAACACGGTGTACCCGTGGTACCAGGCCCCCAGAGCACCAGGACTCCT
 ACTCCTACTTGAATGTTTCTATGTTCTGAGGGCTGGGCTCCTACCCTGGCTATGCCCTGCCCGCA
 TCTCCCGCCGGCTTTCATCCCTCCTACAATGCTCACTACCCCAAGTTCCTGTTGCCACCCTACGGCATC
 AGCTCCAATGGCTTGAGCACTATGAACAATATCAATGGTATCAACAACCTCAGCCTATTCGCCAGGTTGT
 ATCCTGTCTACAGTAACCTCCTCAGTGGGGCAACCTGCCTACCCCATGCTCAACCCAGCTTCCCTACC
 GAGTTCCTGCCTACCGATGGAGCCCGGAGGCTGCTCCACCGGAGCACCACAGAGAGGTGCTTGTCCCG
 GCGCCCCACAGTGCCTTCTCCCTTACTGGGGCTGCAGCCAGCATGAAGGACGAGAGTAGCCCCCAGCG
 GGTCTCCAACGGCGGAACTGCGGCCACGTCCGAAACACGTGTTACAACCCAAAGTACCTCATCGGTGAT
 GGCAGCCCCCAGCACTGACGGAGCCATGAATCTCATTAGAACAAGAAAGAAACATGACTGGTTACAAGACC
 CTTCTTACCCTGAAGAAGCAGAACGGCAAGATCAAGTATGAGTGAATGTCTGTGCCAAGACGTTTG
 GTCAGCTCTCAAACCTGAAGGTCCACCTGAGAGTGCACAGTGGAGAACGGCTTTCAAATGCCAGACCTG
 CAACAAGGGCTTTACTCAGCTCGCCACCTGCAGAAACACTACCTGGTACACACGGGAGAAAAGCCACAT
 GAATGCCAGGTCTGCCACAAGAGATTTAGTAGCACAAGCAATCTCAAGACACACCTTCGACTGCATTCTG
 GAGAAAAACCTTACCAGTGAAGGTGTGCCCTGCCAAGTTTACACAGTTCGTGCACCTGAAGCTGCACAA
 GCGACTGCACACCCGGGATCGGCCTCACAAGTGTGCCAGTGCCTAAGAGCTACATCCATCTCTGTAGC
 CTCAAGGTCCACCTGAAGGGCAACTGCCCTGTGGTCCCAGCCCCGGGCTGCCCTGGAGGACCTGACCC
 GGATCAATGAAGAAATCGAGAGGTTGACCTTAGCGACAACGCTGACCGTCTTGAGGACATGGAGGACAG
 CGTCGATGTGACCTCCATGGTGGAGAAGGAGATTCTAGCCATAGTCAGGAAAGAGAAAGAAAGAACTGGT
 CTGAAAAATGTCTTTGAAAAAACCATGGGGAGCAGACTCCCTCCTCAGGGTGCAGCCTCTACGAGTCAT
 CAGACCTGTCCCTCATGAAGTTCCTCACAGAACTCACTACCTCTGGTGCCTGTAAAGGTCAAACAAGA
 AACAGTTGAACCGATGGATCCT**TAA**

ACGGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001107639
 Insert Size: 2475 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:	<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_001107639.2</u> , <u>NP_001101109.2</u>
RefSeq Size:	5159 bp
RefSeq ORF:	2475 bp
Locus ID:	309871
Cytogenetics:	20q13