

## Product datasheet for **MC207166**

### Prdm9 (BC049903) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Prdm9 (BC049903) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prdm9
Synonyms:	BC012016; Dsbc1; G1-419-29; Meissetz; PRDM9-B; Rcr1; repro7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC049903 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTACAGGCTGCGAGAGAGAAAGGGCCTTGCCTATGAGGAGGTCAGCGAGCCTCAGGATGATGACTATC  
TCTATTGTGAGAAGTGCCAGAATTTCTTCATCGACAGTTGTCCCAACCATGGGCCTCTTTATTTGTAAA  
AGACAGTATGGTGGACAGGGGCATCCCAACCACTCAGTCCTCAGTCTGCCCCCTGGGCTAAGAATTAGT  
CCATCGGGCATCCCTGAAGCTGGACTTGGAGTATGGAATGAAGCATCTGATCTACCAGTCGGTCTGCACT  
TTGGCCCCATGAGGGTCAGATCACAGAGGATGAAGAGGCAGCCAACAGTGGTACTCCTGGCTGATTAC  
CAAGGGAAGAACTGCTATGAGTATGTGGATGGACAGGACGAGTCCCAAGCCAACCTGGATGAGGTATGTG  
AACTGTGCCCGGGATGATGAAGAGCAGAACCTGGTAGCCTTTCAATATCACAGGAAAATCTTCTATCGAA  
CCTGCCGGTTATCAGACCAGTTGTGAGCTTCTGGTCTGGTATGGGGATGAGTACGGCCAGGAACCTGGG  
CATTAAGTGGGGAAGCAAGATGAAGAAAGGATTCACAGCAGGAAGAGGTGGGCACATTATGATTCCTTA  
AAAAAGAAAGAGAAGAGGAATTCTCCTTGAGAATTTTCATTTTCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	BC049903
Insert Size:	678 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC049903</a></u> , <u><a href="#">AAH49903</a></u>
<b>RefSeq Size:</b>	1450 bp
<b>RefSeq ORF:</b>	677 bp
<b>Locus ID:</b>	213389
<b>Cytogenetics:</b>	17 A2