

Product datasheet for **RN200549**

Prdm4 (NM_133312) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prdm4 (NM_133312) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prdm4
Synonyms:	SC-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200549 representing NM_133312
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATGACATGAACTTGAGCCAGTGGGGATGGAGCAGCTGTCTTCATCCTCTGTGAGCAATGCCCTGC
 CAGTCTCAGGAAGTCACCTGGGTCTGGCTGCCTCTCCCTCTCACAGTGCCATCCCTGCCCAAGACTTCC
 AGTGGCAATCCAAACCTCGGTCCCTCCCTGAGCTCTCTGCCTTCTGCCTTGTCTCTGATGCTCCCCATG
 GGCATTGGAGATCGAGGAGTAATGTGTGGGTTACCTGAAAGAACTATACCCTACCTCCACCACCTTACC
 CTCACCTAGAGAGCAGTTACTTCAGAACCATTCTACCTGGCATTATCTTATTTAGCTGACAGACCACC
 TCCTCAGTATATCCACCCAACTCTATAAATGTTGATGGAATACAGCATTATCTATCACAACAACCTT
 TCGGCACTAGATCCCTATCAGGCCAATGGAATGTTGGATTAGAAGTGGCATTGTTTCAATAGACTCTC
 GCTCTGTAACACTCATGGTGCCAAAGCTTTCATCCTAATGATGGCCACGAAGTAGCATTGGACACAAC
 AATCACTATGGAGAATGTCTCTAGGGTTACCAGCCAATCTCCACAGACGGAATGGCAGAGGAATTACA
 ATGGATGGAGTACAGGAGAACATCCAGATCCCAAATGGCTCCAGAAGTCATGAACCCCTCTCTGTGG
 ATTCTGTGAGCAACAACCTTACAGCTGACACTGTAGGACATGGTGGTGTGATACCCATTCATGGGAATGG
 TCTGGAGCTTCCAGTGGTCATGGAGACAGACCATTGCAAACCGGGTCAATGGGATATCTGACAGCGTC
 CTCAGTGATTCCATCCACACCGTGGCCATGAGCACCAACTCTGTAAGCGTGGCATTCTACCTCACACA
 ACTTCGCCTCCCTAGAATCTGTTCCCTCCAGGAAGTTGGCTTAGCCTAGAGCCTGTGGCTGTCTCTTC
 CATCCCCAGGAAGTTGCCATGGGGACAGGTCTGTAGATGTATCCTCAGACAGCTTGTCTTTGTACCA
 TCTTCACTGCAAAATGGAAGACTCCAATTCAAACAAGGAAAACATGGCAACCTGTTTACAATTTGGTGCA
 CGCTTTGTGACCGAGCATACCCCTCAGATTGCCCTGATCATGGACCAGTACTTTGTTCTGTATACACC
 AATAGAGAGCAGAGCAAGACTATCCCTCCCGAAGCAGCTTGTCTCCGCCAGTCCATTGTGGGGACAGAT
 GTTGGCGTGTGGACTGCAGAGACCATTCCCGTGCAGGACTTGTCTCGGGCCTTAATTGGCCAGCAGAGTC
 ACTCCATGGAAGTGGCGGAGTGGACAGACAAGGCCGTTAGCCACGTCTGGAAGATATACCACAATGGCGT
 CCTAGAATTCTGCATCATTACAACCGATGAGAATGAGTGAATTGGATGATGTTTGTGCGCAAAGCCAGG
 AACCGTGAAGAACAGAATTTGGTGGCTTATCCCCATGATGGAATAATCTATTTCTGTACCTCACAAGACA
 TCCCTCCTGAAAACGAGCTGCTTTTCTATTATAGCCGGGATTATGCTCAACAGATAGGTGTTCTGAACA
 CCCCAGTGTGCACCTCTGTAACGTGGCAAGGAGTGCAGTTCCTATTAGAGTTCAAAGCTCACCTGACC
 AGCCATATCCACAATCATCTCCCTAGCCAGGGCCACAGCAGCAGCCATGGCCAAGCCACAGCAAGGAAA
 GGAAGTGGAAAGTCTCATGTGCCCCAGGCTTTATTTCTCCTTCTAAACTCCACGTTCACTTTATGGG
 TCATATGGGCATGAAGCCCCACAAGTGTGATTTTTGTAGCAAGGCTTTTAGTGATCCAAGCAACCTACGG
 ACACACCTCAAAATACATACAGGTGAGAAGAATTACAGGTGACTTTGTGTGACAAGTCTTTCACGCAGA
 AGGCTCACTTGGAGTCTCACATGGTCAATCCACACGGGTGAGAAGAATCTCAAGTGTGATTACTGTGACAA
 GCTATTCATGCGGAGACAGGACCTCAAGCAGCATGTGCTCATCCACACAAGAAGCCAGATCAAGTGT
 CCGAAGTGTGATAAACTGTTCTGAGAACAACCACTTGAAGAAGCATCTCAACTCTCACGAGGGAAGAC
 GAGACTATGTCTGTGAGAAATGCACAAAGGCTTACCTAACCAAGTACCACCTACCCGCCACCTGAAGGC
 CTGCAAGGAGCCCGCTCCAGCTCCTCCGCCAGGACGATGAGGACGAGGACGGGGACTCGGGGGAAGAC
 GGTCTCCAGGCTCCATGACGACAGAGGGCTGCAGGATGAGCAGTGTCTTTACTCAGCAGATGAGTCTC
 TCTCCGCACATAAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
 ACCN: NM_133312
 Insert Size: 2397 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:	NM_133312.1 , NP_579846.1
RefSeq Size:	2555 bp
RefSeq ORF:	2397 bp
Locus ID:	170820
UniProt ID:	Q9QZP2
Cytogenetics:	7q13
Gene Summary:	binds the cytoplasmic domain of the p75 neurotrophin receptor; may play a role in growth arrest [RGD, Feb 2006]