

Product datasheet for **MR224821A1V**

Mouse Prdm4 (NM_181650) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Prdm4 (NM_181650) AAV Particle
Tag:	Myc-DDK
Symbol:	Prdm4
Synonyms:	1700031E19Rik; 2810470D21Rik; AW552272; SC; SC-; SC-1; SC1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR224821 representing NM_181650
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAATGACATGAACCTGAGCCAGTGGGGATGGAGCAGCTGTCTTCATCCTCTGTGAGCAATGCCCTGC
 CAGTCTCAGGAAGTCACCTGGGCTTGGCTGCCTCTCCCTCTCACAGTGCCATCCCTGCCCCAGGACTTCC
 AGTGGCAATTCCAAACCTGGGTCCCTCCCTGAGCTCTCTGCCTTCTGCCTTGTCTCTTATGCTCCCCGTG
 GGCATTGGAGACCGAGGAGTGATGTGTGGGCTACCTGAGAGGAACTACACCCTACCTCCACCTCCTTACC
 CTCACCTAGAGAGCAGTTACTTCAGAACCATTCTACCTGGCATTATCTTATTTAGCTGACAGACCACC
 TCCTCAGTATATCCACCCCAACTCTATAAATGTTGATGGAATACAGCATTATCTATACCAACAACCT
 TCAGCACTAGATCCGTATCAGGCCAATGGAATGTTGGATTAGAACTAGGCATTGTTTCAATAGACTCTC
 GCTCTGTAACACACATGGTGCCAAAGTCTTCATCCTAATGATGGCCACGAAGTAGCATTGGACACAAC
 AATCACCATGGAGAATGTTTCTAGGGTTACCAGCCCAATCTCCACAGATGGAATGGCAGAGGAGCTTACA
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 ATTCTGTGAGCAACAGCCTTACAGCAGAAGCTGTAGGACATGGTGGTGTGATACCCATTACGGGAATGG
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 CTCAGTGACTCCATCCACACCGTGGCCATGAGCACCAACTCTGTAAGCGTGGCACTCTCTACCTCACACA
 ACCTGGCCTCCCTAGAGTCTGTTCCCTCCATGAAGTTGGCCTTAGCCTAGAGCCTGTGGCTGTCTCTTC
 TATCACGCAGGAGGTTGCCATGGGACAGGTCTAGATGTGTCTCAGACAGCTTGTCTTTGTACCA
 TCTTCTGCAAAATGGAAGACTCCAATTCAAACAAGGAAAACATGGCAACCTTGTTCACAAATTTGGTGCA
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 AATAGAGAGCAGAGCAAGACTATCCCTCCCGAAGCAGCTTGTCTCCGCCAGTCCATCGTGGGAACAGAT
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 ATGTTTGTGCGCAAAGCCAGGAACCGTGAAGAACAGAAATTTGGTGGCCTATCCCATGATGGGAAAATCT
 ATTTCTGTACCTCACAAGACATCCCCCTGAAAGTGAGCTGCTTTTCTATTACAGCCGGAATTACGCTCA
 ACAGATAGGTGTTCTGAACACCCAGATGTGCACCTCTGTAAGTGTGGCAAGGAGTGCAGTTCCTATTCA
 GAGTTCAAAGCTCATCTGACCAGCCATATCCACAATCATCTCCCTAGCCAGGGCCACAGCAGCAGCCATG
 GGCCAAGCCACAGCAAGGAAAGGAAGTGAAGTGTTCATGTGCCCCAGGCTTTTATCTCGCCTTCCAA
 ACTCCACGTTCACCTTATGGGCCACATGGGTATGAAGCCCCACAAGTGTGATTTTGTAGCAAGGCTTTT
 AGTGATCCAAGCAACCTACGGACACACCTCAAAATACATACAGGTGAGAAAAATTATAGGTGTACTTTGT
 GTGACAAGTCTTTCACGCAGAAGGCTCACCTGGAGTCTCATATGGTTCATCCACACGGGTGAGAAGATCT
 CAAGTGTGATTACTGTGACAAGTGTTCATGCGGAGACAGGACCTCAAGCAGCACGTGCTCATCCACACG
 CAAGAACGCCAGATCAAGTGTCCGAAGTGTGATAAACTGTTCTTGAGAACAACCACTTGAAGAAGCATC
 TCAATTCTCACGAAGGAAAACGAGATTATGTCTGCGAAAAATGTACAAAGGCTTATCTAACCAAGTACCA
 TCTCACTCGCCACCTGAAGACCTGCAAGAGCCAGCTCCAGCTCCTCTGCACAGGAGGAAGAGGATGAT
 GAGTCGGAGGAAGAAGATCTCGCAGACTCCATGAGGACAGAGGACTGCAGGATGGGCAGTGCTGTTTACT
 CAACAGACGAGTCTCTCCGCACATAAA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR224821 representing NM_181650 Red=Cloning site Green=Tags(s) MNDMNLSPVGMEQLSSSSVSNALPVSGSHLGLAASPSHSAIPAPGLPVAIPNLGPSLSSLPSALSMLPV GIGDRGVMCGLPERNYTLPPPPYPHLESSYFRTILPGILSYLADRPQQYIHPNSINVDGNTALSITNNP SALDPYQANGNVGLELGIIVSIDSRSVNTGHAQSLHPNDGHEVALDTTITMENVSRTSPISTDGMAEELT MDGVTGEHPQIPNGSRSHPELSVDSVSNLSLTAEAVGHGGVPIIHGNGLELPVVMETDHIANRVNGMSDST LSDSIHTVAMSTNSVSVALSTSHNLASLESVSLHEVGLSLEPVAVSSITQEVAMGTGHVDVSSDSL SFVP SSLQMEDSNSNKENMATLFTIWCTLCDRAYPSDCPDHGPVTFVPDTPIESRARLSLPKQLVLRQSI VGTD VVGVLPLIGVWTAETIPVRTCFGLIGQQSHSLEVAEWDKAVNHVWKIYHTGVLEFCIITTDENE CNWM MFVRKARNREEQNLVAYPHDGKIYFCTSQDIPPESELLFYYSRNYAQQIGVPEHPDVHLCNCGKECSSYS EFKAHLTSHIHNLPSQGHSSSHGSPHSKERKWKCSMCPQAFISPSKLHVHFMGHMGMKPHKCDFC SKAF SDPSNLRTHLKIHTGQKNYRCTLCDKSFTQKAHLESHMVIHTGEKNLKC DYCDKLFMRQDLKQHVL IHT QERQIKCPKCDKLF LRTNHLKKHLNSHEGKR DYVCEKCTKAYLTKYHLTRHLKTCEPSSSSSAQE EEDD ESEEDLADSMRTEDCRMGS AVYSTDESLSAHK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_181650
ORF Size:	2409 bp
Buffer:	PBS with 0.001% Pluronic F3815
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	NM_181650.2 , NP_857633.2
RefSeq Size:	3935 bp
RefSeq ORF:	2412 bp
Locus ID:	72843
UniProt ID:	Q80V63
Cytogenetics:	10 C1
MW:	88.6 kDa