

Product datasheet for **MR209428A1V**

Mouse Fmr1 (NM_008031) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Fmr1 (NM_008031) AAV Particle
Tag:	Myc-DDK
Symbol:	Fmr1
Synonyms:	Fmr-1; FMRP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209428 representing NM_008031
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGAGGAGCTGGTGGTGAAGTGC GG GCTCCAATGGCGCTTCTACAAGGCATTTGTAAAAGATGTCC
 ATGAAGATTCTATAACAGTTGCTTTTGAACAACCTGGCAACCAGAGAGACAGATTCCATTCCATGATGT
 GAGATTCCACCACCTGTAGGTTATAATAAAGATATAAACGAAAGTGATGAAGTTGAGGTTTATTCCAGA
 GCAATGAAAAAGAGCCTTGCTGTTGGTGGTAGCTAAAGTGAGGATGATAAAGGAGTGTATTTATGTGA
 TAGAATATGCAGCATGTGATGCTACGTATAATGAAATTGTACAAATTGAGCGTCTACGATCTGTTAATCC
 CAACAACTGCTACAAAAGATACTTTCCATAAGATCAAGCTGGAGGTGCCAGAAGTTTACGACAAATG
 TGTGCCAAGAATCAGCACATAAGGATTTTAAAAAGGCAGTTGGTGCCTTCTCTGTAACCTATGATCCAG
 AAAATTATCAGCTGGTAATTTTGTCCATCAATGAAGTCACCTCAAAGCGAGCCACATGTTGATTGACAT
 GCACTTTGCAAGTCTGCGACCAAGTTGTCTTATACTGAGAAATGAAGAAGCCAGTAAACAACCTGGAG
 AGTTCAAGGCAGCTTGCCTCAAGATTTTATGAACAGTTTATCGTACGAGAAGATCTGATGGGTTTAGCTA
 TTGGTACTCATGGTGCTAATATTCAGCAAGCTAGAAAAGTGCCTGGCGTCACTGCTATTGATTTAGATGA
 GGATACCTGCACATTTTATTTATGGAGAGGATCAAGATGCAGTGAAAAAGGCTAGAAGCTTTCTGGAA
 TTTGCTGAAGATGTCATACAGGTTCCACGAACTTAGTAGGCAAGTAATAGGAAAAATGGAAGCTGA
 TTCAAGAGATCGTGGACAAGTCAGGAGTTGTGAGGGTGAGGATTGAGGCTGAAAAAGTGAAGTGTCCC
 ACAAGAAGAGGAAATATGCCACCAAGTTCCCTACCTTCCAATAATTCAAGGGTTGGACCTAATCCTCT
 GAAGAAAAAGAACATTTAGATACAAAGGAAACACCCATTTTCTCAACCTAACAGTACAAAAGTCCAGA
 GGGTGTAGTGGTTTTCATCAATTGTAGCAGGGGACCCAGAACTGAACCAAGGCTTGGCAGGGTAT
 GGTACCATTTGTTTTTGTGGGAACAAAAGACAGCATCGCTAATGCCACTGTTCTTTTGGATTATCACCTG
 AACTATTTAAAGGAAGTAGACAGTTGCGTTTGGAGAGATTACAAATTGATGAGCAGTTGCGACAAATTG
 GAGCTAGTTCTAGACCACCACCAATCGTACAGATAAGGAAAAAGGCTATGTGACTGATGATGGTCAAGG
 AATGGGTGAGGTAGTAGACCTTACAGAAATAGGGGACGCGCAGACGCGGTCTGGATATACTTCAGGA
 ACTAATTCTGAAGCATCAATGCTTCTGAAACAGAACTGACCACAGAGACGAACTCAGTGATTGGTCAT
 TAGCTCCAACAGAGGAAGAGAGGGAGAGCTTCTGCGCAGAGGAGACGGACGGCGGCTGGAGGAGGAGG
 AAGAGGACAAGGAGGAAGAGGAAGAGGAGGAGGCTTCAAAGGAAACGACGATCATTCCCAGACAGATAAT
 CGTCCACGTAATCCAAGAGAGGCTAAAGGAAGAACAGCTGATGGATCCCTGCAGAGTGCCTCCAGTGAAG
 GGAGCCGGCTGCGCACGGGTAAGATCGTAACCAAGAAGGAAAAGCCAGACAGCGTAGATGGGCTGCA
 ACCGCTGGTGAATGGAGTACCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MEELVVEVRGNSGAFYKAFVKDVHEDSITVAFENNWQPERQIPFHDVRFPPPVGYNKDINESDEVEVYSR
 ANEKEPCCWLLAKVRMIKGEFYVIEYAACDATYNEIVTIERLSVNPKNPATKDTFHKIKLEVPEDLRQM
 CAKESAHKDFKAVGAFSVTYDPENYQLVILSINEVTSKRAHMLIDMHFRSLRTKLSLILRNEEASKQLE
 SSRQLASRFHEQFIVREDLMGLAIGTHGANIQARKVPVGTVIDLDEDCTFHIYGEDQDAVKKARSFLE
 FAEDVIQVPRNLVGKVIKNGKLIQEIVDKSGVVRVRIEANEKSVPQEEEIMPPSSLPNNSRVGNSS
 EEKHLDTKENTHFSQPNSTKVQRVLVSSIVAGGPQKPEPKAWQGMVPFVFGTKDSIANATVLLDYHL
 NYLKEVDQLRLRLQIDEQLRQIGASSRPPPNRTDKEKGYVTDGQGMGRGSRPYRNRGHGRRGPGYTS
 TNSEASNASETSDHRDELSDWSLAPTEEERESFLRRGDGRRRGGGRGQGGRRGRGGGFKGNDDHSRTDN
 RPRNPREAKGRTADGSLQSASSEGSRLRTGKDRNQKKEKPDSDVGLQPLVNGVP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_008031
ORF Size:	1842 bp
Buffer:	PBS with 0.001% Pluronic F535
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:	<u>NM_008031.2, NP_032057.2</u>
RefSeq Size:	4412 bp
RefSeq ORF:	1845 bp
Locus ID:	14265
Cytogenetics:	X 34.83 cM
MW:	69.3 kDa