

Product datasheet for **MR214573A1V**

Mouse Fmo9 (NM_172844) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Fmo9
Synonyms:	4831428F09Rik
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR214573 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTCAAGAAGCGGATAGCTGTGATTGGAGCTGGGATCAGTGGCCTAGGAGCCATCAAGTCTGCTTGG
 ATGAAGACCTGGAGCCACCTGCTTTGAAAGAAATGATGACATCGGAGGCCTGTGGAAATTTCAAAAGAA
 TGCTTCAGAGAAAATGCCTAGCATCTACAGATCTGTGACCATCAACACTTCAAAGGAGATGATGTCTTC
 AGTGATTTCCCTATCCCTGACCACTTTCCCACTACATGCACAACAGCAAGCTCATGGACTACTTCAGGA
 TGTACGCCAAGCGCTTCAGTCTTCTGGATTACATCCGATTTAAGACCACAGTGAGGAGCGTGAGAAAACG
 TCCAGACTTCCACATCCATGGACAATGGGATGTTGTTGTGGAGACAGATGGGAAACAGGAGAGCCTAGTC
 TTTGATGGGGTCTGCTGCTGCAGTGGCCATCACACAGACCCCCACCTGCCACTCAAGTCTTTCCAGGCA
 TTGAGAAGTTTGAAGGCTGTTATTTCCACAGTCGAGAATACAAAAGTCTGAGGATTATGTGGGAAAGAG
 AATCATAGTGGTTGGCATTGGGAATCCGGTGTGGACATTGCCGTGGAGCTTGGTCGTAGCAAAACAG
 GTATTCTCAGCACCAGACGAGGATCGTGGATTTACACCGTGTTTGAATAACGGCTATCCCATGGATA
 GTTCATTTTTCACTCGGTTCCATAGCTTTCTCCAGAAGATATTAACCACAGAAGCAGTAAATAAGTACCT
 AGAGAAGACTCTGAACCAAGATTCACCATGCACATTATGGTCTGCAGCCACAGCAGACCACTGAGC
 CAGCACCCACCATCAGTGATGACCTTCCAAACCACATCATCTCCGAAAAGTCCAGGTGAAGCCTAACG
 TGAAGGAGTTCACAGGAACGGATGTTCAATTTGATGATGGCACCGTGGAGGAGAATATTGACGTTGTCAT
 CTTTGCTACAGGATACAGCATTTCTTTCCATTCTTGGGGATCTGATTGCAGTTACTGACAATGAAGTG
 TCCCTGTATAAGCTGATGTTCCCTCCAGACCTGGAGAAGCCAATTTGGCTGTCATCGGGCTCATCCAGC
 CATTGGGCATCATCTACCTATTGCAGAACTCCAGTCTCGCTGGGCTGTGCGGGTGTCAAAGGGCTGAG
 CAAATTACCCTCAGTGAAGGCCATGAAGGCAGACATGGACCAAAGGAAAAGGCTATGGAGAAACGGTAT
 GTAAAGACAGCCAGGCACACAATCCAAGTGGACCATATTGAGTACATGGATGAGATCGCCTCTCTGGCTG
 GGGTGAAGCCCAACCTCTGCTCTCTCTCGGATCCAACACTAGCCATGGAAGTCTTCTTTGGGCC
 CTGTACCCCATACCAATACCGTTTGCAAGGTCCAGGGAATGGGATGGGGCCCGGAGAGCCATCTGACT
 CAGAGAGAACGGATCATCAAGCCCTTGAAGACCCGAATTACAAGTGAGAAGAGTCGCTCTGCCCCAGGTC
 TCTTTTGGATAAAGATGGCACTATTGGCCTGGCATTCTGTTTCCAAGTTAACATACTTTAGTTATAT
 TTGTCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR214573 protein sequence
 Red=Cloning site Green=Tags(s)

MYKKRIAVIGAGISGLGAIKCLDELEPTCFERNDIGGLWKFQKNASEKMPSIYRSVTINTSKEMMCF
 SDFPIPDHFPNMYHNSKLMDFRMYAKRFSLLDYIRFKTTVRSVRKRPDFHIHQWQDVVETDGKQESLV
 FDGVLVCSGHHTDPLPLKSFPGIEKFEGCYFHSREYKSPEDYVGKRIIVVGIGNSGVDIAVELGRVAKQ
 VFLSTRRGSWILHRVWNNGYPMDSFFTRFHSFLQKILTTEAVNKYLEKTLNSRFNHAHYGLQPQHRPLS
 QHPTISDDLPNHIISGKVQVKPNVKEFTGTDVHFDDGTVEENIDVVIFATGYSISFPFLGDLIAVTDNEV
 SLYKLMFPPDLEKPTLAVIGLIQPLGIILPIAELQSRWAVRVFKGLSKLPSVKAMKADMDQRKKAMEKRY
 VKTARHTIQVDHIEYMDEIASLAGVKPNLLLLFLSDPTLAMEVFFGPCTPYQYRLQGPQKWDGARRAILT
 QRERIIPKTRITSEKRSAPGLFWIKMALFGLAFLVPSLTYFSYICQ

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype: AAV-2

ACCN: NM_172844

ORF Size: 1617 bp

Buffer:	PBS with 0.001% Pluronic F68
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_172844.2</u> , <u>NP_766432.1</u>
RefSeq Size:	3065 bp
RefSeq ORF:	1620 bp
Locus ID:	240894
Cytogenetics:	1 H2.3
MW:	61.5 kDa