

Product datasheet for **MR229550A1V**

Mouse Aifm2 (NM_178058) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Aifm2
Synonyms:	5430437E1IRik; Amid; D730001I10Rik; PRG3
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >MR229550 representing NM_178058
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGGGTCCCAGGTCTCGGTGGATACAGGAGCCGTGCACGTGGTGATCGTGGGCGGGGCTTCGGAGGGA
TAGCGGCTGCCAGCCAGCTGCAGGCGCTGAATGTCCCTTCATGCTGGTGGATATGAAGGACTCCTTCCA
CCACAATGTGGCAGCCCTCCGGGCTCCGTGGAGAGCGGGTTCGCCAAAAGACATTCATTTCTGACTCT
GCGACCTTCAAGGACAATTCCGCCAGGGCAAAGTGATTGGCATAGACTTGAAGAACCAGGATGGTGTTC
TACAGGGTGGCAGGCTTGCCTTCTCACATCTATCCTGGCCACAGGCAGCACCGGACCTTCCCTGG
CAAGTTTAACGAGGTGCTCCTGCCAGCAGGCAGCCATCCAGGCCTATGAGGACATGGTGAAGCAGATCCAG
CGCTCACAATTCATCGTGGTGGTGGGAGGCGGCTCTGCAGGAGTAGAGATGGCAGCAGAGATTAACACCG
AGTACCCTGAGAAGGAGGTCACTCTTATCCACTCCAGAGTACCCCTGGCCGACAAGGAACCTCTGCCCTG
TGTGCGGCAGGAAGTGAAGGAGATCCTCCTCGGAAGGGTGTGCAGCTGCTGCTGAGTGAGCGGGTGAGC
AACCTGGAGGAATGCCTCGCAATGAGTATCGGGAGTACATCAAGGTGGAGACAGACAAGGCACGGAGG
TGGCCACCAACATGGTGATTGTGTGCAATGGGATCAAGATCAACAGCTCTGCCTACCGCAGTGCAATTTGA
GAGTAGGCTGGCTAGCAATGGTGCTCTGAAAGTGAACGAGTTCCTCCAGGTGGAAGGTTACAGCAATATT
TATGCCATTGGTGACTGTGCCGATACCAAGGAGCCCAAGATGGCCTACCACGCTGGCCTGCATGCCAATG
TTGCCGTGGCCAACATCGTCAACTCCATGAAGCAGAGGCCACTCAAAGCTTACAAGCCAGGTGCGCTGAC
ATTCCTCCTGTCCATGGGCAGAAATGATGGCGTGGGTCAAGTCAAGTGGCTTCTACGTAGGCCGCTCATG
GTGCGGCTGGCCAAGAGCAGGGACCTTCTCATCTCCACAAGCTGGAAAACCATGCGGCAGTCTCCACCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>MR229550 representing NM_178058 Red=Cloning site Green=Tags(s) MGSQVSVDTGAVHVIVGGGFGGIAAASQLQALNVPFMLVDMKDSFHHNVAALRASVESGF AKKTFISYS ATFKDNFRQKGKIGIDLKNRMVLLQGGEALPFSHLILATGSTGPFPGKFNEVSCQAAIQAYEDMYKQIQ RSQFIVVVGGSAGVEMAAEIKTEYPEKEVTLIHSRVPLADKELLPCVRQEVKEILLRKGVQLLLSERVS NLEELPRNEYREYIKVETDKGTEVATNMVIVCNGIKINSSAYRSAFESRLASNGALKVNEFLQVEGYSNI YAIGDCADTKPEPKMAYHAGLHANVAVANIVNSMKQRPLKAYKPGALTFLLSMGRNDGVGQISGFYVGRML VRLAKSRDLLISTSWKTMRQSPP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_178058
ORF Size:	1119 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_178058.4, NP_835159.1</u>
RefSeq Size:	1490 bp
RefSeq ORF:	1122 bp
Locus ID:	71361
UniProt ID:	<u>Q8BUE4</u>
Cytogenetics:	10 B4
MW:	40.6 kDa