

Product datasheet for **RC210668A1V**

Human AIF (AIFM1) (NM_145812) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human AIF (AIFM1) (NM_145812) AAV Particle
Tag:	Myc-DDK
Symbol:	AIFM1
Synonyms:	AIF; AUNX1; CMT2D; CMTX4; COWCK; COXPD6; DFNX5; NADMR; NAMSD; PDCD8; SEMDHL
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC210668 representing NM_145812
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTTCCGGTGTGGAGCCTGGCGGCGGTGCTTTGAAGCAGAAGCTGGTGCCCTTGGTCCGACCGTGT
 GCGTCCGAAGCCGAGGAGGAGGAACCGCTCCAGTTGTGCAGTCTCATCACCTAGGATCCCCTTCTAG
 ATCACTAGCATCTACAGGTGCTTCTGGGAAAGATGGCAGCAACCTAGTGTACTTCTTAATTGTAGGAGCA
 ACAGTCACTGGGCGAGGAGTTTATTATGCCTACAAGACTATGAAAGAGGACGAAAAAGATACAATGAAA
 GAATTTAGGGTTAGGGCTGACACCAGAACAGAAACAGAAAAAGGCCGCTTATCTGCTTCAGAAGGAGA
 GGAAGTTCTCAAGACAAGGCGCAAGTCACTGTTCTTCTGCTAATTGGTGGAGGCACAGCTGCTTTT
 GCTGCAGCCAGATCCATCCGGGCTCGGGATCTGGGGCCAGGCTACTGATTGTATCTGAAGATCCTGAGC
 TGCCGTACATGCGACCTCTCTTTCAAAGAAGTGTGGTTTTTCAGATGACCCAAATGTCACAAAGACACT
 GCGATTCAAACAGTGAATGGAAGAGAGAAGCATATATTTCCAGCCACCTTCTTTCTATGTCTCTGCT
 CAGGACCTGCCTCATATTGAGAATGGTGGTGTGGCTGTCTCACTGGGAAGAAGGTAGTACAGCTGGATG
 TGAGAGACAACATGGTGAACTTAATGATGGCTCTCAAATAACCTATGAAAAGTCTTGATTGCAACAGG
 AGGTACTCCAAGAAGTCTGTCTGCCATTGATAGGGCTGGAGCAGAGGTGAAGAGTAGAACACGCTTTTC
 AGAAAGATTGGAGACTTTAGAAGCTTGGAGAAGATTTACGGGAAGTCAAATCAATTACGATTATCGGTG
 GGGGCTTCTTGGTAGCGAAGTGGCCTGTGCTCTTGGCAGAAAGGCTCGAGCCTTGGGCACAGAAGTGAT
 TCAACTCTTCCCGAGAAAGGAAATATGGGAAAGATCTCCCGAATACCTCAGCAACTGGACCATGGAA
 AAAGTCAGACGAGAGGGGGTTAAGGTGATGCCCAATGCTATTGTGCAATCCGTTGGAGTCAGCAGTGGCA
 AGTTACTTATCAAGCTGAAAGACGGCAGGAAGTAGAACTGACCACATAGTGGCAGCTGTGGCCTGGA
 GCCCAATGTTGAGTTGGCCAAGACTGGTGGCCTGGAAATAGACTCAGATTTTGGTGGCTTCCGGGTAAAT
 GCAGAGCTACAAGCACGCTCTAACATCTGGGTGGCAGGAGATGCTGCATGCTTCTACGATATAAAGTTGG
 GAAGGAGGCGGGTAGAGCACCATGATCACGCTGTTGTGAGTGGAAGATTGGCTGGAGAAAATATGACTGG
 AGCTGCTAAGCCGTAAGTGGCATCAGTCAATGTTCTGGAGTGATTTGGGCCCCGATGTTGGCTATGAAGCT
 ATTGGTCTTGTGGACAGTAGTTTGGCCACAGTTGGTGTGTTTGGCAAAAGCAACTGCACAAGACAACCCCA
 AATCTGCCACAGAGCAGTCAGGAAGTGGTATCCGATCAGAGAGTGAGACAGAGTCCGAGGCCCTCAGAAAT
 TACTATTCCTCCAGCACCCCGCAGTCCACAGGCTCCCGTCCAGGGGAGGACTACGGCAAAGGTGTC
 ATCTTCTACCTCAGGGACAAAGTGGTCTGGGGATTGTGCTATGGAACATCTTTAACCGAATGCCAATAG
 CAAGGAAGATCATTAAAGGACGGTGAGCAGCATGAAGATCTCAATGAAGTAGCCAAACTATTCAACATTCA
 TGAAGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210668 representing NM_145812
 Red=Cloning site Green=Tags(s)

MFRCGGLAAGALKQKL VPLVRTVCVRSRQRNRLPVVQSHHLGSPSRSLASTGASGKDGSNLVYFLIVGA
 TVTGAGVYYAYKTMKEDEKRYNERISGLGLTPEQKQKKAALSASEGEEVPQDKAPSHVPFLLIGGGTAFF
 AAARSIRARDPGARVLIVSEDPPELPMRPLSKELWFSDDPNVTKTLRFKQWNGKERSIYFQPPSFYVSA
 QDLPHIENGGVAVLTGKKVVLQDVRDNMVKLNDGSQITYEKCL IATGGTPRSLAIDRAGAEVKSRTTLF
 RKIGDFRSLKISREVKSIITIGGGFLGSELACALGRKARALGTEVIQLFPEKGNMGKILPEYLSNWTME
 KVRREGVKVMPNAIVQSVGVSSGKLLIKLKDGRKVEDHIVAAGLEPNVELAKTGGLEIDSDFGGFRVN
 AELQARSNIWVAGDAACFYDIKLGRRRVEHHDHAVVSGRLAGENMTGAAKPYWHQSMFWSDLGPDVGYEA
 IGLVDSLSLPTVGVFATAQDNPKSATEQSGTGIRSESETESEASEITIPPSTPAVPQAPVQGEDYGKGV
 IFYLRDKVVVGIVLWNIFNRMPIARKIIKDGEQHEDLNEVAKLFNIHED

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_145812
ORF Size:	1827 bp
Buffer:	PBS with 0.001% Pluronic F6603
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_145812.1</u>
RefSeq Size:	2203 bp
RefSeq ORF:	1830 bp
Locus ID:	9131
UniProt ID:	<u>O95831</u>
Cytogenetics:	Xq26.1
MW:	66.1 kDa