

Product datasheet for **RC203120A1V**

Human AIM2 (NM_004833) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human AIM2 (NM_004833) AAV Particle
Tag:	Myc-DDK
Symbol:	AIM2
Synonyms:	PYHIN4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC203120 representing NM_004833 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAGAGTAAATACAAGGAGATACTCTTGCTAACAGGCCTGGATAACATCACTGATGAGGAACTGGATA
GGTTTAAGTCTTTCTTTTCAGACGAGTTAATATTGCCACAGGCAAACACATACTGCAAACAGAATACA
AGTAGCTACCTTGATGATTCAAAATGCTGGGGCGGTGTCTGCAGTGATGAAGACCATTTCGATTTTTTCAG
AAGTTGAATTATGCTTTTGGCAAACGCTTTCAGGAGGAGAAGGAGAAAAGTTGATAAGCAATACAAAT
CGGTAACAAAACCAAAGCCACTAAGTCAAGTGAAATGAGTCTGCTGCATCTGCAGCCATCAGAAATGA
TGTCGCAAAGCAACGTGCTGCACCAAAGTCTCTCCTCATGTTAAGCCTGAACAGAAACAGATGGTGGCC
CAGCAGGAATCTATCAGAGAAGGGTTTCAGAAGCGCTGTTTGCCAGTTATGGTACTGAAAGCAAAGAAGC
CCTTCACGTTTGAGACCAAGAAGGCAAGCAGGAGATGTTTCATGCTACAGTGGCTACAGAAAAGGAATT
CTTCTTTGAAAAGTTTTTAATACACTGCTGAAAGATAAATTCATTCCAAAGAGAATAATTATAATAGCA
AGATATTATCGGCACAGTGGTTTCTTAGAGGTAATAGCGCCTCACGTGTGTTAGATGCTGAATCTGACC
AAAAGGTTAATGTCCCGCTGAACATTATCAGAAAAGCTGGTGAACCCGAAGATCAACACGCTTCAAAC
TCAGCCCCTTGAACAATTGTGAATGGTTTGTGTAGTCCAGAAGGTAACAGAAAAGAAGAAAAACATA
TTATTTGACCTAAGTGACAACACTGGGAAAATGGAAGTACTGGGGTTAGAAACGAGGACACAATGAAAT
GTAAGGAAGGAGATAAGGTTTCGACTTACATTCTCACACTGTCAAAAAATGGAGAAAACTACAGCTGAC
ATCTGGAGTTCATAGCACCATAAAGGTTATTAAGGCCAAAAAAAACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC203120 representing NM_004833 Red=Cloning site Green=Tags(s) MESKYKEILLLTGLDNITDEELDRFKFFLSDEFNIATGKLHTANRIQVATLMIQNAGAVSAVMKTIRIFQ KLNMYLLAKRLQEEKEKVDKQYKSVTKPKPLSQAEMSPAASAAIRNDVAKQRAAPKVSPHVKPEQKQMV QQESIREGFQKRCLPVMVLKAKKPFETQEGKQEMFHATVATEKEFFVVKVFNTLLKDKFIPKRIIIIA RYYRHSGFLEVNSASRVLDAESDQKVNVPPLNIIRKAGETPKINTLQTQPLGTIVNGLFVVQKVT EKKKNI LFDLSDNTGKMEVLGVRNEDTMKCKEGDKVRLTFFTL SKNGEKLQLTSGVHSTIKVIKAKKKT TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004833
ORF Size:	1029 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_004833.1</u>
RefSeq Size:	1485 bp
RefSeq ORF:	1032 bp
Locus ID:	9447
UniProt ID:	<u>O14862</u>
Cytogenetics:	1q23.1-q23.2
MW:	38.8 kDa