

Product datasheet for **RC210707A1V**

Human Visfatin (NAMPT) (NM_005746) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Visfatin (NAMPT) (NM_005746) AAV Particle
Tag:	Myc-DDK
Symbol:	Visfatin
Synonyms:	1110035O14Rik; PBEF; PBEF1; VF; VISFATIN
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC210707 representing NM_005746
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGAATCCTGCGGCAGAAGCCGAGTTCAACATCCTCTGGCCACCGACTCTACAAGTTACTCACTATA
 AACAAATATCCACCCAACACAAGCAAGTTTATTCTACTTTGAATGCCGTGAAAAGAAGACAGAAAACCTC
 CAAATTAAGGAAGGTGAAATATGAGGAAACAGTATTTTATGGGTTGCAGTACATTCTTAATAAGTACTTA
 AAAGGTAAGTAGTAACCAAGAGAAAAATCCAGGAAGCCAAAGATGTCTACAAAGAACATTTCCAAGATG
 ATGTCTTTAATGAAAAGGGATGGAACACTATTCTTGAGAAGTATGATGGGCATCTTCCAATAGAAATAAA
 AGCTGTTCTGAGGGCTTTGTCATTCCAGAGGAAATGTTCTCTTACGGTGGAAAACACAGATCCAGAG
 TGTTACTGGCTTACAAATTGGATTGAGACTATTCTTGTTCAGTCTGGTATCCAATCACAGTGGCCACAA
 ATTCTAGAGAGCAGAAGAAAATATTGGCCAAATATTTGTTAGAACTTCTGGTAAGTTAGATGGTCTGGA
 ATACAAGTTACATGATTTTGGCTACAGAGGAGTCTTCCCAAGAGACTGCTGGCATAGGAGCATCTGCT
 CACTTGGTTAACTTCAAAGGAACAGATACAGTAGCAGGACTTGCTCTAATTAATAAATATTATGGAACGA
 AAGATCCTGTTCCAGGCTATTCTGTTCCAGCAGCAGAACACAGTACCATAACAGCTTGGGGGAAAGACCA
 TGAAAAAGATGCTTTTGAACATATTGTAACACAGTTTTTCATCAGTGCCTGTATCTGTGGTCAGCGATAGC
 TATGACATTTATAATGCGTGTGAGAAAAATGCGGTGAAGATCTAAGACATTTAATAGTATCAAGAAGTA
 CACAGGCACCACTAATAATCAGACCTGATTCTGGAAACCCTCTTGACACTGTGTTAAAGGTTTGGAGAT
 TTTAGGTAAGAAGTTTCTGTTACTGAGAACTCAAAGGTTACAAGTTGCTGCCACCTTATCTTAGAGTT
 ATCAAGGGGATGGAGTAGATATTAACCTTACAAGAGATTGTAGAAGGCATGAAACAAAAAATGTGGA
 GTATTGAAAAATATTGCCTTCGGTCTGGTGGAGGTTTGTACAGAAGTTGACAAGAGATCTCTTGAAATTG
 TTCCTTCAAGTGTAGCTATGTTGTAACATAAGGCTTGGGATTAACGTCTTCAAGGACCCAGTTGCTGAT
 CCCAACAAAAGGTCCAAAAGGGCCGATTATCTTTACATAGGACGCCAGCAGGGAATTTTGTACTACTGG
 AGGAAGGAAAAGGAGACCTTGAGGAATATGGTCAGGATCTTCTCCATACTGTCTTCAAGAATGGCAAGGT
 GACAAAAGCTATTCAATTTGATGAAATAAGAAAAATGCACAGCTGAATATTGAACTGGAAGCAGCACAT
 CAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MNPAAEAEFNILLATDSYKVTHYKQYPPNNTSKVYSYFECREKKTENSLRKVKYEETVFYGLQYILNKYL
 KGKVVTKKEIQEAKDVYKEHFQDDVFNEKGWNYILEKYDGHLPDIEIKAVPEGFVIPRGNVLTVENTDPE
 CYWLTNWIETILVQSWYPITVATNSREQKILAKYLLETSGNLDGLEKYLHDFGYRGVSSQETAGIGASA
 HLVNFKGTDVAGLALIKKYYGKDPVPGYSVPAAEHSTITAWGKDHEKDAFEHIVTQFSSVPVSVVSDS
 YDIYNACEKIWGEDLRHLIVSRSTQAPLIIRPDSGNPLDVLKVLKLEILGKKFPVTENSKYKLLPPYLRV
 IQGDGVDINTLQEIIVEGMKQKMWSIENIAFGSGGGLLQKLTRDLLNCSFKCSYVVTNGLGINVFKDPVAD
 PNKRSKKGRSLHRTAPAGNFVTL EEGKGDLEEYQDQLLHTVFKNGKVTKSYSFDEIRKNAQLNIELEAAH
 H

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_005746

ORF Size:

1473 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_005746.2</u>
RefSeq Size:	4593 bp
RefSeq ORF:	1476 bp
Locus ID:	10135
UniProt ID:	<u>P43490</u>
Cytogenetics:	7q22.3
MW:	55.52 kDa