

Product datasheet for **MR207867A1V**

Mouse Nampt (NM_021524) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Nampt (NM_021524) AAV Particle
Tag:	Myc-DDK
Symbol:	Nampt
Synonyms:	1110035O14Rik; AI314458; AI480535; NAmPRTase; Pbef; Pbef1; Visfatin
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR207867 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAATGCTGCGGCAGAAGCCGAGTTCAACATCCTGCTGGCCACCGACTCGTACAAGTTACTCACTATA
 AACAAATACCCACCAACACAAGCAAAGTTTATTCTACTTTGAATGCCGTGAAAAGAAGACAGAAAACCTC
 CAAAGTAAGGAAGGTGAAATACGAGGAAACAGTATTTTATGGGTTGCAGTACATTCTTAATAAGTACTTA
 AAAGGTAAGTAGTGACCAAGAGAAAAATCCAGGAGGCCAAAGAAGTGTACAGAGAACATTTCCAAGATG
 ATGTCTTTAACGAAAGAGGATGGAACATACCTTGAGAAATACGATGGTCATCTCCCAATTGAAGTAA
 GGCTGTTCCCGAGGGCTCTGTCATCCCCAGAGGGAACGTGCTGTTACAGTGGAAAACACAGACCCAGAG
 TGCTACTGGCTTACCAATTGGATTGAGACTATTCTTGTCAGTCTGGTATCCAATTACAGTGGCCACAA
 ATTCCAGAGAACAGAAGAAAATCTGGCCAAATATTTGTTAGAAACCTCTGGTAACCTAGATGGTCTGGA
 ATACAAGTTACATGACTTTGGTTACAGAGGAGTCTCTCGCAAGAGACTGCTGGCATAGGGGCATCTGCT
 CATTTGGTTAACTTTAAAGGAACAGATACTGTGGCGGGAATTGCTCTAATTAAAAAATACTATGGGACAA
 AAGATCCTGTTCCAGGCTATTCTGTTCCAGCAGCAGAGCACAGTACCATAACGGCTTGGGGGAAAGACCA
 TGAGAAAGATGCTTTTGAACACATAGTAACACAGTTTCTCATCAGTGCCTGTGTCTGTGGTCAGCGATAGC
 TATGACATTTATAATGCGTGTGAGAAAAATGGGGTGAAGACCTGAGACATCTGATAGTATCGAGAAGTA
 CAGAGGCCACCTAATCATCAGACCTGACTCTGGAAATCCTCTTGACACTGTATTGAAGGTCTTAGATAT
 TTTAGGCAAGAAGTTTCTGTTACTGAGAACTCAAAGGCTACAAGTTGCTGCCACCTTATCTTAGAGTC
 ATCAAGGAGATGGCGTGATATCAATACTTTACAAGAGATTGTAGAGGAATGAAACAAAAGAAGTGA
 GTATCGAGAATGTCTCTTCGGTCTGGTGGCGCTTTGCTACAGAAGTTAACCGAGACCTCTTGAAATTG
 CTCCTTCAAGTGCAGCTATGTTGTAACCAATGGCCTTGGGGTTAATGTGTTTAAGGACCCAGTTGCTGAT
 CCCAACAAAAGGTCAAAAAGGGCCGTTATCTTTACATAGGACACCAGCGGGGAACCTTTGTACTCTTG
 AAGAAGGAAAAGGAGACCTTGAGGAATATGGCCATGATCTTCTCCATACGTTTTCAAGAATGGGAAGGT
 GACAAAAGCTACTCATTTGATGAAGTCAGAAAAATGCACAGCTGAACATCGAGCAGGACGTGGCACCT
 CAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207867 protein sequence
 Red=Cloning site Green=Tags(s)

MNAAAEAEFNILLATDSYKVTHYKQYPPNNTSKVYSYFECREKKTENSKVRKVKEETVFYGLQYILNKYL
 KGKVVTKKEIQEAKVYREHFQDDVFNERGWNYILEKYDGHLPKEVKAVPEGSVIPRGNVLTVENTDPE
 CYWLTNWIETILVQSWYPITVATNSREQKILAKYLLETSGNLDGLEKYLHDFGYRGVSSQETAGIGASA
 HLVNFKGTDTVAGIALIKKYYGKDPVPGYSVPAAEHSTITAWGKDHEKDAFEHIVTQFSSVPVSVVSDS
 YDIYNACEKIWGEDLRHLIVSRSTEAPLIIRPDSGNPLDVLKVL DILGKKFPVTENSKGYKLLPPYLRV
 IQGDGVDINTLQEIIVEGMKQKKWSIENVSFSGSGALLQKLTRDLLNCSFKCSYVVTNGLGVNVFKDPVAD
 PNKRSKKGRSLSHRTPAGNFVTL EEGKGDLEEYGHDL LHTVFKNGKVTKSYSFDEVRKNAQLNIEQDVAP
 H

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_021524

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_021524.1</u> , <u>NP_067499.1</u>
RefSeq Size:	4547 bp
RefSeq ORF:	1476 bp
Locus ID:	59027
UniProt ID:	<u>Q99KQ4</u>
Cytogenetics:	12 A3
MW:	55.4 kDa