

Product datasheet for **RC200889A1V**

Human NMNAT2 (NM_170706) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	NMNAT2
Synonyms:	Clorf15; PNAT2
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC200889 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGAATCCAGGAAGTAGAGGAAATTCAGGCCTGCCAGGGCTCTGGGAAGTGTGTTACTCTCTCAG
AAAGAGCCAGGGATTATCTGCACAAAAGTGAAGGTTTATTGTGATTGGCGGGATTGTCTCCCTGTCCA
CGACTCCTATGGAAAACAGGGCTCGTGTCAAGCCGGCACCCTCTCATCATGTGTGAGCTGGCCGTCCAG
AATTCTGATTGGATCAGGGTGGACCCTTGGGAGTGCTACCAGGACACCTGGCAGACGACCTGCAGCGTGT
TGGAACACCACCGGGACCTCATGAAGAGGGTGAAGGCTGCTCCTCCAATGTCAACACACCTTCCAT
GACACCTGTGATCGGACAGCCACAAAACGAGACCCCGAGCCATTTACCAGAACAGCAACGTGGCCACC
AAGCCCACTGCAGCCAAGATCTTGGGGAAGGTGGGAGAAAGCCTCAGCCGGATCTGCTGTGTCCGCCCGC
CGGTGGAGCGTTTACCTTTGTAGATGAGAATGCCAATCTGGGCACGGTATGCGGTATGAAGAGATTGA
GCTACGGATCCTGCTGTGTGTTAGTACCTGCTGGAGTCTTCTGCATCCAGGGCTCTGGAACGAG
GCAGATATGGAGGTGATTGTTGGTACTTTGGGATTGTGGTGGTGGCCCGGGATGCAGCCGACACAGACC
GAATCATGAATCACTCCTCAATACTCCGAAAACAAAAACAACATCATGGTGGTGAAGGATGACATCAA
CCATCCCATGTCTGTTGTGAGCTCAACCAAGAGCAGGCTGGCCCTGCAGCATGGGGACGGCCATGTTGTG
GATTACCTGTCCAGCCGGTCACTCGACTACATCCTCAAAGCCAGCTGTACATCAATGCCTCCGGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC200889 protein sequence Red=Cloning site Green=Tags(s) MEIQELEEEIQACQGLWEVFTLSEARADYLHKTGRFIVIGGIVSPVHDSYGKQGLVSSRHRLIMCQLAVQ NSDWIRVDPWECYQDTWQTTCVLEHHRDLMKRVTCILSNVNTPSMTPVIGQPQNETPQPIYQNSNVAT KPTAAKILGKVGESLSRICCVRPVVERFTFVDENANLGTVMRYEEIELRILLGSDLLESFCIPGLWNE ADMEIVGDFGIVVPRDAADTDIMNHSSILRKYKNNIMVVKDDINHPMSVVSSTKSRLALQHGDGHVV DYLSPVIDYILKSQLYINASG TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_170706
ORF Size:	906 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_170706.2</u>
RefSeq Size:	5467 bp
RefSeq ORF:	909 bp
Locus ID:	23057
UniProt ID:	<u>Q9BZQ4</u>
Cytogenetics:	1q25.3
MW:	34 kDa