

Product datasheet for **RC200113A1V**

Human N acetylglucosamine kinase (NAGK) (NM_017567) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	N acetylglucosamine kinase
Synonyms:	GNK; HSA242910
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC200113 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCCCGCATCTATGGGGGTGTAGAGGGGGGAGGCACACGATCCGAGGTCCTTTAGTCTCAGAGGATG
GGAAGATCCTGGCAGAAGCAGATGGACTGAGCACAAACCACTGGCTGATCGGGACAGACAAGTGTGTGGA
GAGGATCAATGAGATGGTGAACAGGGCCAAACGAAAGCAGGGGTGGATCCTCTGGTACCGCTGCGAAGC
TTGGGCCTATCTCTGAGCGGTGGGGACAGGAGGACGCGGGGAGGATCCTGATCGAGGAGCTCAGGGACC
GATTTCCCTACCTGAGTAAAGCTACTTAATCACCACCGATGCCGCCGGCTCCATCGCCACAGCTACACC
GGATGGTGGAGTTGTGCTCATATCTGGAACAGGCTCCAATGCAGGCTCATCAACCTGATGGCTCCGAG
AGTGGCTGCGGCGGCTGGGGCCATATGATGGGTGATGAGGGTTCAGCCTACTGGATCGCACACCAAGCAG
TGAAAATAGTGTGTTGACTCCATTGACAACCTAGAGGCGGCTCCTCATGATATCGGCTACGTCAAACAGGC
CATGTTCCACTATTTCCAGGTGCCAGATCGGCTAGGGATACTCACTCACCTGTATAGGGACTTTGATAAA
TGCAGGTTTGCTGGGTTTGGCGAAAATTGCAGAAGGTGCTCAGCAGGGAGACCCCTTTCCCGCTATA
TCTTCAGGAAGGCTGGGGAGATGCTGGGCAGACACATCGTAGCAGTGTTGCCCGAGATTGACCCGGTCTT
GTTCCAGGGCAAGATTGGACTCCCCATCCTGTGCGTGGGCTCTGTGTGAAGAGCTGGGAGCTGTGAAG
GAAGGTTTTCTTGGCGCTGACCCAGGGCAGAGATCCAGGCTCAGAACTTTCTTCCAGCTTCACCC
TGATGAAGCTGAGGCACTCCTCCGCTCTGGGTGGGCCAGCCTAGGGCCAGGCACATCGGGCACCTCCT
CCCCATGGACTATAGCCTAATGCCATTGCCTTCTATTCTACACCTTTTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC200113 protein sequence Red=Cloning site Green=Tags(s) MAAIYGGVEGGGTRSEVLLVSEDGKILAEADGLSTNHWLIGTDKCVERINEMVNRKRKAGVDPLVPLRS LGLSLSGGDQEDAGRILIEELRDRFPYLSSEYLITTTAAGSIATATPDGGVVLISGTGNCRLINPDGSE SGCGGWGHMMGDEGSAYWIAHQAVKIVFDSIDNLEAAPHDIGYVKQAMFHYFQVPDRLGILTHLYRDFDK CRFAGFCRKIAEGAQQGDPLSRYIFRKAGEMLGRHIVAVLPEIDPVLFGQKIGLPILCVGSVWKS WELLK EGFLLALTQGREIQAQNFSSFTLMKLRHSSALGGASLGARHIGHLLPMDYSANAIAFYSYTFS TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_017567
ORF Size:	1032 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_017567.2</u>
RefSeq Size:	1801 bp
RefSeq ORF:	1035 bp
Locus ID:	55577
UniProt ID:	<u>Q9UJ70</u>
Cytogenetics:	2p13.3
MW:	37.4 kDa