

Product datasheet for **RC228809A1V**

Human NAT1 (NM_001160171) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human NAT1 (NM_001160171) AAV Particle
Tag: Myc-DDK
Symbol: NAT1
Synonyms: AAC1; MNAT; NAT-1; NATI
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC228809 representing NM_001160171
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACATTGAAGCATATCTTGAAAGAATTGGCTATAAGAAGTCTAGGAACAAATTGGACTTGAAACAT
TAACTGACATTCTTCAACACCAGATCCGAGCTGTTCCCTTTGAGAACCTTAACATCCATTGTGGGGATGC
CATGGACTTAGGCTTAGAGGCCATTTTTGATCAAGTTGTGAGAAGAAATCGGGGTGGATGGTGTCTCCAG
GTCAATCATCTTCTGTACTGGGCTCTGACCATTGGTTTTGAGACCACGATGTTGGGAGGGTATGTTT
ACAGCACTCCAGCCAAAAATACAGCACTGGCATGATTCACCTTCTCCTGCAGGTGACCATTTGATGCGAG
GAACTACATTGTGATGCTGGGTTTGGACGCTCATACCAGATGTGGCAGCCTCTGGAGTTAATTTCTGGG
AAGGATCAGCCTCAGGTGCCTTGTGCTTCCGTTTGACGGAAGAGAATGGATTCTGGTATCTAGACCAAA
TCAGAAGGGAACAGTACATTCCAAATGAAGAATTTCTTATTCTGATCTCCTAGAAGACAGCAAATACCG
AAAAATCTACTCCTTTACTCTTAAGCCTCGAACAATTGAAGATTTTGTGCTATGAATACATACCTGCAG
ACATCTCCATCATCTGTGTTTACTAGTAAATCATTTTGTTCCTTGCAGACCCAGATGGGTTCACTGTT
TGGTGGGCTTACCCTACCCATAGGAGATTCAATTATAAGGACAATACAGATCTAATAGAGTTCAAGAC
TCTGAGTGAGGAAGAAATAGAAAAAGTCTGAAAAATATATTTAATATTTCTTGCAGAGAAAGCTTGTG
CCCAAACATGGTGATAGATTTTTTACTATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC228809 representing NM_001160171 Red=Cloning site Green=Tags(s) MDIEAYLERIGYKSRNKLDLETLDILQHQIRAVPFENLNIHCGDAMDGLGLEAIFDQVVRNRGGWCLQ VNHLLYWALTTIGFETTMLGGYVYSTPAKKYSTGMIHLLLQVTDGRNYIVDAGFGRSYQMWQPLELISG KDQPQVPCVFRLTEENGFWYLDQIRREQYIPNEEFHSDLLEDISKYRKIYSFTLKPRTIEDFESMNTYLQ TSPSSVFTSKSFCSLQTPDGVHCLVGFLLTHRRFNYKDNTDLIEFKTLSEEEIEKVLKNI FNISLQRKLV PKHGDRFFTI TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001160171
ORF Size:	870 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_001160171.1</u>
RefSeq Size:	2205 bp
RefSeq ORF:	873 bp
Locus ID:	9
UniProt ID:	<u>P18440</u>
Cytogenetics:	8p22
MW:	33.9 kDa