

## Product datasheet for **RC228812A1V**

### Human NAT1 (NM\_001160174) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human NAT1 (NM\_001160174) 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:** >RC228812 representing NM\_001160174  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGACATTGAAGCATATCTTGAAGAATTGGCTATAAGAAGTCTAGGAACAAATTGGACTTGAAACAT  
TAACTGACATTCTTCAACACCAGATCCGAGCTGTTCCCTTTGAGAACCTTAACATCCATTGTGGGGATGC  
CATGGACTTAGGCTTAGAGGCCATTTTTGATCAAGTTGTGAGAAGAAATCGGGGTGGATGGTGTCTCCAG  
GTCAATCATCTTCTGTACTGGGCTCTGACCACATTGGTTTTGAGACCACGATGTTGGGAGGGTATGTTT  
ACAGCACTCCAGCCAAAAATACAGCACTGGCATGATTCACCTTCTCCTGCAGGTGACCATTTGATGCGAG  
GAACTACATTGTGATGCTGGGTTTGGACGCTCATACCAGATGTGGCAGCCTCTGGAGTTAATTTCTGGG  
AAGGATCAGCCTCAGGTGCCTTGTGTCTCCGTTTACGGAAGAGAATGGATTCTGGTATCTAGACCAAA  
TCAGAAGGGAACAGTACATTCCAAATGAAGAATTTCTTATTCTGATCTCCTAGAAGACAGCAAATACCG  
AAAAATCTACTCCTTTACTCTTAAGCCTCGAACAATTGAAGATTTTGTGCTATGAATACATACCTGCAG  
ACATCTCCATCATCTGTGTTTACTAGTAAATCATTTTGTTCCTTGCAGACCCAGATGGGGTTCCTGTT  
TGGTGGGCTTACCCTCACCCATAGGAGATTCAATTATAAGGACAATACAGATCTAATAGAGTTCAAGAC  
TCTGAGTGAGGAAGAAATAGAAAAAGTCTGAAAAATATATTTAATATTTCTTGCAGAGAAAGCTTGTG  
CCCAAACATGGTGATAGATTTTTTACTATT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC228812 representing NM_001160174 Red=Cloning site Green=Tags(s)  MDIEAYLERIGYKSRNKLDLETLDILQHQIRAVPFENLNIHCGDAMDGLGLEAIFDQVVRNRGGWCLQ VNHLLYWALTTIGFETTMLGGYVYSTPAKKYSTGMIHLLLQVTIDGRNYIVDAGFGRSYQMWQPLELISG KDQPQVPCVFRLTEENGFWYLDQIRREQYIPNEEFHSDLLEDISKYRKIYSFTLKPRTIEDFESMNTYLQ TSPSSVFTSKSFCSLQTPDGVHCLVGF TLTHRRFNYKDNTDLIEFKTLSEEEIEKVLKNI FNISLQRKLV PKHGDRFFTI  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_001160174
<b>ORF Size:</b>	870 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001160174.1</a>
<b>RefSeq Size:</b>	2038 bp
<b>RefSeq ORF:</b>	873 bp
<b>Locus ID:</b>	9
<b>UniProt ID:</b>	<a href="#">P18440</a>
<b>Cytogenetics:</b>	8p22
<b>MW:</b>	33.9 kDa