

## Product datasheet for **RC228282A1V**

### Human NAT1 (NM\_001160176) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human NAT1 (NM\_001160176) 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:** >RC228282 representing NM\_001160176  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCTGTTACTCTTACACAAGGAGGCAGCCCTCGAGCCACAGGGTCCAGCTGTTGGCTATAATAGCC  
TACCGTCTCTGATGATCACCATGTTTCTGGAATCAAGCCAGGAAGAAGCAGCAATCTGTCTTCTGGAT  
TAAACTGAAGATCAACTACTTTCACTTACTAAGAAAGGGGATCATGGACATTGAAGCATATCTTGAA  
AGAATTGGCTATAAGAAGTCTAGGAACAAATGGACTTGAAACATTAAGTACATTCTCAACACCAGA  
TCCGAGCTGTTCCCTTTGAGAACCTTAACATCCATTGTGGGGATGCCATGGACTTAGGCTTAGAGGCCAT  
TTTTGATCAAGTTGTGAGAAGAAATCGGGGTGGATGGTGTCTCCAGGTCAATCATCTTCTGTACTGGGCT  
CTGACCACTATTGGTTTTGAGACCACGATGTTGGGAGGGTATGTTTACAGCACTCCAGCCAAAAATACA  
GCACTGGCATGATTCACCTTCTCCTGCAGGTGACCATTGATGGCAGGAACACATTGTCGATGCTGGGTT  
TGGACGCTCATAACCAGATGTGGCAGCCTCTGGAGTTAATTTCTGGGAAGGATCAGCCTCAGGTGCCTTGT  
GTCTCCGTTTGACGGAAGAGAATGGATTCTGGTATCTAGACCAATCAGAAGGGAACAGTACATTCCAA  
ATGAAGAATTTCTTCTGATCTCCTAGAAGACAGCAATACCGAAAAATCTACTCCTTACTCTTAA  
GCCTCGAACAATTGAAGATTTGAGTCTATGAATACATACCTGCAGACATCTCCATCATCTGTGTTTACT  
AGTAAATCATTTTGTTCCTTGCAGACCCAGATGGGGTCACTGTTTGGTGGGCTCACCCCTACCCATA  
GGAGATTCAATTATAAGGACAATACAGATCTAATAGAGTTCAAGACTCTGAGTGAGGAAGAAATAGAAAA  
AGTGCTGAAAAATATATTTAATATTTCTTGCAGAGAAAGCTTGTGCCAAACATGGTGATAGATTTTTT  
ACTATT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

<b>Protein Sequence:</b>	<p>&gt;RC228282 representing NM_001160176  <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MLLLLLHKEAALEPQGPVAVGYNLSPVSDHHVSGIQARKKQQSVFWIKTEDQPTFNLLRKGIMDIEAYLE  RIGYKKS RNKLDLETLTDILQHQIRAVPFENLNHCGDAMDLEAIFDQVRRNRGGWCLQVNHLLYWA  LTTIGFETTMLGGYVYSTPAKKYSTGMIHLLQVTIDGRNYIVDAGFGRSYQMWPLELISGKDQPQVPC  VFRLTEENGFWYLDQIRREQYIPNEEFLHSDLLED SKYRKIYSFTLKPRTIEDFESMNTYLQTS PSSVFT  SKSFCSLQTPDGVHCLVGFTLTHRRFNKYDNTDLIEFKTLSEEEIEKVLKNIFNISLQRKLVPKHGDRFF  TI</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLI SEEDLAANDILDYKDDDDKV</span></p>
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_001160176
<b>ORF Size:</b>	1056 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>	<u><a href="#">NM_001160176.1</a></u>
<b>RefSeq Size:</b>	1939 bp
<b>RefSeq ORF:</b>	1059 bp
<b>Locus ID:</b>	9
<b>Cytogenetics:</b>	8p22
<b>MW:</b>	40.8 kDa