

Product datasheet for **RC201595A1V**

Human MNAT1 (NM_002431) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MNAT1 (NM_002431) AAV Particle
Tag:	Myc-DDK
Symbol:	MNAT1
Synonyms:	CAP35; MAT1; RNF66; TFB3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC201595 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACGATCAGGGTTGCCCTCGGTGTAAGACCACCAATATCGGAACCCCTCCTTGAAGCTGATGGTGA
ATGTGTGCGGACACACTCTGTGAAAGTTGTGTAGATTTACTGTTTGTGAGAGGAGCTGGAACTGCC
TGAGTGTGGTACTCCACTCAGAAAGAGCACTTCAGGGTACAACCTTTGAAGATCCCACTGTTGACAAG
GAGGTTGAGATCAGGAAAAAGTGCTAAAGATATACAATAAAAGGAAGAAGATTTCTAGTCTAAGAG
AATACAATGATTTCTTGAAGAAGTGAAGAAATGTTTTCACTTGACCAACAATGTGGATTTGGACAA
CACAAAAAGAAAATGGAGATATACAAAAGGAAAACAAAGATGTTATTACAGAAAAATAAATTAAGCTG
ACTCGAGAACAGGAAGAACTGGAAGAAGCTTTAGAAGTGAACGACAGGAAAATGAACAAAGAAGATTAT
TTATACAAAAAGAAACAACCTGCAGCAGATTCTAAAAAGGAAGAATAAGCAGGCTTTTTAGATGAGCT
GGAGAGTTCTGATCTCCTGTTGCTCTGCTTTGGCTCAGCATAAAGATAGATCTACCAATTAGAAATG
CACTTGAGAAACCAACCTGTAAACCAAGTACGTTTTCCACAGGCATCAAAATGGGTCAACATATTT
CACTGGCACCTATTCACAAGCTTGAAGAAGCTCTGTATGAATACCAGCCACTGCAGATAGAGACATATGG
ACCACATGTTCTGAGCTTGAGATGCTAGGAAGACTTGGGTATTTAAACCATGTCAGAGCTGCCTACCA
CAGGACCTTGCTGGAGGCTATACTTCTCTCTGCTTGTACAGAGCACTACAGGATGCATTCACTGGGC
TTTTCTGGCAGCCAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC201595 protein sequence Red=Cloning site Green=Tags(s) MDDQGCPCKTTKYRNPSLKLMMVNCGHTLCESCVDLLFVRGAGNCPECGTPLRKSNFRVQLFEDPTVDK EVEIRKKVLKIYNKREEDFPSLREYNDFLEEVVEIVFNLNNVDLDNTKKKMEIYQKENKDVIQKNKLKL TREQEELAAEVERQENEQRRLFIQKEEQQLQILKRKNKQAFLEESSDLPVALLLAQHKDRSTQLEM QLEKPKPVKPVTFSTGIKMGQHISLAPIHKLEEALYEYQPLQIETYGPHVPELEMLGRLGYLNHVRAASP QDLAGGYTSSLACHRALQDAFSGLFWQPS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002431
ORF Size:	927 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_002431.2</u>
RefSeq Size:	1397 bp
RefSeq ORF:	930 bp
Locus ID:	4331
UniProt ID:	<u>P51948</u>
Cytogenetics:	14q23.1
MW:	35.8 kDa