

Product datasheet for **RC216010A1V**

Human MINDY1 (NM_018379) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MINDY1 (NM_018379) AAV Particle
Tag:	Myc-DDK
Symbol:	MINDY1
Synonyms:	FAM63A; MINDY-1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC216010 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAATACCATCAGCCTGAGGATCCAGCCCCTGGTAAGGCCGGGACTGCAGAAGCAGTCATCCCTGAAA
 ACCATGAGGTTCTGGCAGGCCAGATGAGCACCCCTCAGGACACAGATGCAAGAGATGCTGATGGGAGGC
 TAGAGAACGGGAGCCAGCAGACCAAGCTTTGCTGCCTAGCCAGTGTGGGACAACCTTGAGTCCCTCTG
 CCTGAAGCTAGCTCAGCTCCACCGGGGCCAACCTTGGGACACTGCCTGAAGTAGAGACAATAAGGGCAT
 GCTCCATGCCCCAGGAGCTTCTCAGTCCCCAGGACCGACAGCCTGAGCCAGATTTCTACTGTGTCAA
 GTGGATCCCTTGAAAGGAGAACAGACCCATCATCACCCAGAGCACTAACGGCCCTTGCCCTCTCCTT
 GCCATCATGAACATCCTCTTTCTCAGTGGAAGGTGAAGCTCCCCCGCAGAAGGAAGTGATCACATCGG
 ATGAGCTCATGGCCATCTTGAAACTGCCTCCTGTCCATCAAGCCCCAGGAGAAGTCAGAGGGACTTCA
 GCTTAATTTTTCAGCAGAAATGTGGATGATGCAATGACAGTGTGCCTAACTGGCCACAGGTCTGGATGTC
 AATGTGCGATTACAGGCGTCTCTGATTTTGAGTATACACCCGAGTGCAGTGTCTTTGACCTGCTAGGCA
 TACCTCTGTACCATGGCTGGCTTGTGATCCACAGAGTCTGAGGCTGTGCGTGCAGTTGGGAACTGAG
 TTACAACAGCTGGTGGAGAGGATCATCACCTGCAAACTCCAGTGACACCAACCTCGTGACAGAAGGC
 CTGATTGCAGAGCAGTTCTGGAGACCACCGCGGCCAGCTGACCTACCACGGACTGTGTGAGCTGACAG
 CAGCTGCTAAGGAGGGTGAACCTAGCGTCTTTTCCGAAACAACCACTTTAGCACCATGACTAAGCATAA
 GAGTCACTTATACCTACTGGTCACTGACCAGGGCTTTTACAGGAGGAGCAAGTCGATGGGAGAGCCTG
 CACAATGTGGATGGAGACAGCTGCTTTTGTGACTCTGACTTTACCTGAGTCATTCCCTGGGCAAGGGGC
 CTGGAGCAGAAGGTGGGAGTGGCTCCCCAGAAAAGCAGCTGCAGGTAGACCAGGACTACCTGATTGCTCT
 GTCCCTGCAGCAGCAACAGCCACGAGGCCCGCTGGGGCTTACCGACTTGAGAGTGGCCACGAGCTTCAG
 CAAGAGGAGTATCAACAGCAGCAGGCAGCGCAGCCAGTGCAGGATGCGGACGCGGGTCTGTCACTGCAGG
 GGAGAGGAGCCACATCTGGACGCCAGCCGGGAGCGTCGGCAGAGGCCGAAGCACGAGTCAGACTGCAT
 TCTGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC216010 protein sequence
 Red=Cloning site Green=Tags(s)

MEYHQPEDPAPGKAGTAEAVIPENHEVLAPDEHPQDTDARDADGEAREREPADQALLPSQCGDNLESPL
 PEASSAPPGPTLGLPEVETIRACSMPELQSPRTRQPEPDFYCVKWIPWKGEQTPIITQSTNGPCPLL
 AIMNILFLQWKVLPQKEVITSDELMAHLGNCLLSIKPQEKSEGLQLNFQNVDDAMTVLPKLATGLDV
 NVRFTGVSDFEYTPESVFDLLGIPLYHGWLDVQSPQAVRAVGKLSYNQLVERIITCKHSSDTNLVTEG
 LIAEQFLETTAAQLTYHGLCELTAALKGELSVFFRNHFMSTMKHSHLYLLVTDQGFQEEQVWESL
 HNVGDGSCFCDSDFHLSHSLGKPGAEAGSGSPEKQLQVDQDYLIALLQQQQPRGPLGLTDLELAQQLQ
 QEEYQQQQAQPYRMTRVLSLQGRGATSGRPAGERRQRPKHESDCILL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_018379

ORF Size:

1407 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_018379.3, NP_060849.2</u>
RefSeq Size:	2851 bp
RefSeq ORF:	1410 bp
Locus ID:	55793
UniProt ID:	<u>Q8N5J2</u>
Cytogenetics:	1q21.3
MW:	51.8 kDa