

Product datasheet for **RC228423A1V**

Human MINDY1 (NM_001163258) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MINDY1 (NM_001163258) 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:

>RC228423 representing NM_001163258
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCTTGGTCTCTCTCTTTTAATGAAAGCACGAAACCTTCCCCCTCTCCTTGTCACCTCTTTTGCAT
 CCCAAGCCTGGCTTAGGCAAGTCCCTGAGGTTAGTAAACACCTTCAGTGCCCTCAGCCAAGTCCCTTTT
 GACCATGGAATACCATCAGCCTGAGGATCCAGCCCTGGTAAGGCCGGGACTGCAAGAGAGTATCCCT
 GAAAACCATGAGGTTCTGGCAGGCCAGATGAGCACCTCAGGACACAGATGCAAGAGATGCTGATGGGG
 AGGCTAGAGAACGGGAGCCAGCAGACCAAGCTTTGCTGCCTAGCCAGTGTGGGGACAACCTTGAGTCCCC
 TCTGCCTGAAGCTAGCTCAGCTCCACCGGGGCCAACCTTGGGACACTGCCTGAAGTAGAGACAATAAGG
 GCATGCTCCATGCCCCAGGAGCTTCTCAGTCCCCAGGACCCGACAGCCTGAGCCAGATTTCTACTGTG
 TCAAGTGGATCCCTTGGAAAGGAGAACAGACACCCATCATCACCAGAGCACTAACGGCCCTTGCCTCT
 CCTTGCCATCATGAACATCCTCTTTCTCAGTGAAGGTGAAGTCCCCCGCAGAAGGAAGTATCACA
 TCGGATGAGCTCATGGCCATCTTGAAACTGCCTCCTGTCCATCAAGCCCCAGGAGAAGTCAGAGGGAC
 TTCAGCTTAATTTTCAGCAGAATGTGGATGATGAATGACAGTGTGCCTAAACTGGCCACAGGTCTGGA
 TGTCAATGTGCGATTACAGGCGTCTCTGATTTTGTAGTATACACCCGAGTGAGTGTCTTTGACCTGCTA
 GGCATACCTCTGTACCATGGCTGGCTTGTGATCCACAGAGTCTGAGGCTGTGCGTGCAGTTGGGAAAC
 TGAGTTACAACAGCTGGTGGAGAGGATCATCACCTGCAAACTCCAGTGACACCAACCTCGTGACAGA
 AGGCCTGATTGCAGAGCAGTTCCTGGAGACCACCGCGGCCAGCTGACCTACCACGAGTGTGTGAGCTG
 ACAGCAGCTGCTAAGGAGGTGAACCTTAGCGTCTTTTCCGAAACAACCACTTTAGCACCATGACTAAGC
 ATAAGAGTCACTTATACCTACTGGTCACTGACAGGGCTTTCTACAGGAGGAGCAAGTCGTATGGGAGAG
 CCTGCACAATGTGGATGGAGACAGCTGCTTTTGTGACTCTGACTTTACCTGAGTCATTCCCTGGGCAAG
 GGGCCTGGAGCAGAAGGTGGGAGTGGCTCCCCAGAAAAGCAGCTGCAGGTAGACCAGGACTACCTGATTG
 CTCTGTCCCTGCAGCAGCAACAGCCACGAGGCCGCTGGGGCTTACCGACTTGGAGCTGGCCAGCAGCT
 TCAGCAAGAGGAGTATCAACAGCAGCAGGCAGCGCAGCCAGTGCAGGATGCGGACGCGGGTCTGTCACTG
 CAGGGGAGAGGAGCCACATCTGGACGCCAGCCGGGGAGCGTGGCAGAGGCCGAAGCACGAGTCAGACT
 GCATTCTGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC228423 representing NM_001163258
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MLLGPPPFNESTKPSPPCHSFASQAWLRQVPEVSKHLQCPSAKSLLTMEYHQPEDPAPGKAGTAEAVIP
 ENHEVLAGPDEHPQDTDARDADGEAREPADQALLPSQCGDNLESPLPEASSAPPGPTLGLTPEVETIR
 ACSMPQELPQSPRTRQPEPDFYCVKWIPWKGEQTPITQSTNGPCPLLAIMNIFLQWKVKLPPQKEVIT
 SDELMHNLGNCLLSIKPQEKSEGLQLNFQQNVDDAMTVLPKLATGLDENVRFITGVSDFEYTPESVFDLL
 GIPLYHGWLVDPQSPEAVRAVGKLSYNQLVERIITCKHSSDTNLVTEGLIAEQFLETTAAQLTYHGLCEL
 TAAAKEGELSVFFRNHFSTMTKHKSHLYLLVTDQGFQEEQVWESLHNVDGDSFCDSDFHLSHSLGK
 GPGAEGGSGSPEKQLQVDQDYLIALSLQQQPRGPLGLTDLELAQQLQEEYQQQQAQPVMRTRVLSL
 QGRGATSGRPAGERRQRPKHESDCILL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDK**V**

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001163258

ORF Size:

1551 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_001163258.1</u> , <u>NP_001156730.1</u>
RefSeq ORF:	1554 bp
Locus ID:	55793
UniProt ID:	<u>Q8N5J2</u>
Cytogenetics:	1q21.3
MW:	56.8 kDa