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Product datasheet for RC208776A1V

Human MID1 (NM_000381) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MID1 (NM_000381) AAV Particle
Tag:	Myc-DDK
Symbol:	MID1
Synonyms:	BBBG1; FXY; GBBB1; MIDIN; OGS1; OS; OSX; RNF59; TRIM18; XPRF; ZNFXY
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence:

>RC208776 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAAACACTGGAGTCAGAACTGACCTGCCCTATTTGTCTGGAGCTCTTTGAGGACCCTCTTCTACTGC
CCTGCGCACACAGCCTCTGCTTCAACTGCGCCCACCGCATCCTAGTATCACACTGTGCCACCAACGAGTC
TGTGGAGTCCATCACCGCCTTCCAGTGCCCCACCTGCCGGCATGTCATCACCCTCAGCCAGCGAGGTCTA
GACGGGCTCAAGCGCAACGTCACCCTACAGAACATCATCGACAGGTTCCAGAAAGCATCAGTGAGCGGGC
CCAACTCTCCCAGCGAGACCCGTCGGGAGCGGGCCTTTGACGCCAACACCATGACCTCCGCCGAGAAGGT
CCTCTGCCAGTTTTGTGACCAGGATCCTGCCCAGGACGCTGTGAAGACCTGTGTCACTTGTGAAGTATCC
TACTGTGACGAGTGCCTGAAAGCCACTCACCCGAATAAGAAGCCCTTTACAGGCCATCGTCTGATTGAGC
CAATTCCGGACTCTCACATCCGGGGGCTGATGTGCTTGGAGCATGAGGATGAGAAGGTGAATATGTACTG
TGTGACCGATGACCAGTTAATCTGTGCCTTGTGTAAACTGGTTGGGCGGCACCGCGATCATCAGGTGGCA
GCTTTGAGTGAGCGCTATGACAAATTGAAGCAAAACTTAGAGAGTAACCTCACCAACCTTATTAAGAGGA
ACACAGAACTGGAGACCCTTTTGGCTAAACTCATCCAAACCTGTCAACATGTTGAAGTCAATGCATCACG
TCAAGAAGCCAAATTGACAGAGGAGTGTGATCTTCTCATTGAGATCATTCAGCAAAGACGACAGATTATT
GGAACCAAGATCAAAGAAGGGAAGGTGATGAGGCTTCGCAAACTGGCTCAGCAGATTGCAAACTGCAAAC
AGTGCATTGAGCGGTCAGCATCACTCATCTCCCAAGCGGAACACTCTCTGAAGGAGAATGATCATGCGCG
TTTCCTACAGACTGCTAAGAATATCACCGAGAGAGTCTCCATGGCAACTGCATCCTCCCAGGTTCTAATT
CCTGAAATCAACCTCAATGACACATTTGACACCTTTGCCTTAGATTTTTCCCGAGAGAAGAAACTGCTAG
AATGTCTGGATTACCTTACAGCTCCCAACCCTCCCACAATTAGAGAAGAGCTCTGCACAGCTTCATATGA
CACCATCACTGTGCATTGGACCTCCGATGATGAGTTCAGCGTGGTCTCCTACGAGCTCCAGTACACCATA
TTCACCGGACAAGCCAACGTCGTTAGTCTGTGTAATTCGGCTGATAGCTGGATGATAGTACCCAACATCA
AGCAGAACCACTACACGGTGCACGGTCTGCAGAGCGGCACCAAGTACATCTTCATGGTCAAGGCCATCAA
CCAGGCGGGCAGCCGCAGCAGTGAGCCTGGGAAGTTGAAGACAAACAGCCAACCATTTAAACTGGATCCC
AAATCTGCTCATCGAAAACTGAAGGTGTCCCATGATAACTTGACAGTAGAACGTGATGAGTCATCATCCA
AGAAGAGTCACACACCTGAACGCTTCACCAGCCAGGGGAGCTATGGAGTAGCTGGAAATGTGTTTATTGA
TAGTGGCCGGCATTATTGGGAAGTGGTCATAAGTGGAAGCACATGGTATGCCATTGGTCTTGCTTACAAA
TCAGCCCCGAAGCATGAATGGATTGGGAAGAACTCTGCTTCCTGGGCGCTCTGCCGCTGCAACAATAACT
GGGTGGTGAGACACAATAGCAAGGAAATCCCCATTGAGCCTGCCCCCCACCTCCGGCGCGTGGGCATCCT
GCTGGACTATGATAACGGCTCTATCGCCTTTTATGATGCTTTGAACTCCATCCACCTCTACACCTTCGAC
GTCGCATTTGCGCAGCCTGTTTGCCCCACCTTCACCGTGTGGAACAAGTGTCTGACGATTATCACTGGGC
TCCCTATCCCAGACCATTTGGACTGCACAGAGCAGCTGCCG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208776 protein sequence
Red=Cloning site Green=Tags(s)

METLESELTCPICLELFEDPLLLPCAHSLCFNCAHRILVSHCATNESVESITAFQCPTCRHVITLSQRGL
DGLKRNVTLQNIIDRFQKASVSGPNSPSETRRERAFDANTMTSAEKVLCQFCDQDPAQDAVKTCVTCEVS
YCDECLKATHPNKKPFTGHRLIEPIPDSHIRGLMCLEHEDEKVNMYCVTDDQLICALCKLVGRHRDHQVA
ALSERYDKLKQNLESNLTNLIKRNTELETLLAKLIQTCQHVEVNASRQEAKLTEECDLLIEIIQQRRQII
GTKIKEGKVMRLRKLAQQIANCKQCIERSASLISQAEHSLKENDHARFLQTAKNITERVSMATASSQVLI
PEINLNDTFDTFALDFSREKKLLECLDYLTAPNPPTIREELCTASYDTITVHWTSDDEFSVVSYELQYTI
FTGQANVVSLCNSADSWMIVPNIKQNHYTVHGLQSGTKYIFMVKAINQAGSRSSEPGKLKTNSQPFKLDP
KSAHRKLKVSHDNLTVERDESSSKKSHTPERFTSQGSYGVAGNVFIDSGRHYWEVVISGSTWYAIGLAYK
SAPKHEWIGKNSASWALCRCNNNWVVRHNSKEIPIEPAPHLRRVGILLDYDNGSIAFYDALNSIHLYTFD
VAFAQPVCPTFTVWNKCLTIITGLPIPDHLDCTEQLP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_000381

ORF Size: 2001 bp

Buffer: PBS with 0.001% Pluronic F6323

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: NM_000381.1

RefSeq Size: 6463 bp

RefSeq ORF: 2004 bp

Locus ID: 4281

UniProt ID: O15344

Cytogenetics: Xp22.2

MW: 75.3 kDa