

Product datasheet for **RC224284A1V**

Human MIA2 (NM_054024) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	MIA2
Synonyms:	CTAGE5; MEA6; MGEA; MGEA6; MGEA11; TALI
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC224284 representing NM_054024
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCAAAATTTGGCGTTCACAGAATCCTTCTTCTGGCTATTTCTCTGACAAAGTGTCTGGAGAGTACAA
 AACTGCTGGCAGACCTTAAAAATGTGGTGACTTGGAAATGTGAAGCTTTAATAAACAGAGTCTCAGCCAT
 GAGAGATTATAGAGGACCTGACTGCCGATACCTGAACTTCACTAAGGGAGAAGAGATATCTGTTTATGTT
 AAATTGCAGGAGAAGGGAAGATTGTGGGCAGGAAGTAAAGGAAAGGAGTTGGATATTTCCAGAG
 ATGCAGTCCAGATTGAAGAGGTGTTTATCTGAGGAAATTCAGATGTCAACGAAAGAATCTGACTTTCT
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 ATATATCCTTATGAAGAAGATAAAGATGAAAAATCTAGTATATATGAAAGTGATTTTTCAGATAGAACCTG
 GATTTTATGCAACTTATGAAAGTACTTTGTTTGAAGACCAAGTTCAGCATTAGAGGCTCCTGAAGATAT
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 CTGAAGAGAAGGCTTTTGAATCAGTTATTGAACCTGTACAAGAAAGCTCATTTTCGGAGTAGAAAAATAGC
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 CTAATCCACTGGTTGGTTGGTGGAGGATTTACAAGTTATTTAGGTTTTGGAGATGAGGATACAGGGCT
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 TTGAACTTCCAGAACATCCAAAGGAAACAGAAATGCCATTTCCCAAACAGATACTGGATCAAAATAAT
 GTAATTGAAAAATGAAGAACTGGAGAATTTCCATTGATAATTATCCACAGATAATACAAAAGTTATGA
 TATTCAAAAGTTACATACAGTCTGTGAGATATGGTCTTAACATAGAGTTACCTACGAGAATTCACGAAGA
 AGTATATTTTGAACCTCATCTTCTAAAGATAGTGATGAAAATTCGAAACCATCAGTAGACACCGAAGGG
 CCTGCTCTGGTGGAGATAGACAGATCTGTGAAAATACCCTGCTAATAGTCAGATGGTTTCAACTGATA
 ACTCTTTGTCTTCAAAATATATTTCTCAGAAAGAAGATGCTTCTGAGTTTCAGATTCTGAAATACTT
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 AGTTTGCTTTTAAACCTTTTGAATAATTTTACCTATTTTGTAAATAAAGAGTGGCTACAAAATATG
 TT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC224284 representing NM_054024
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MAKFGVHRILLLAIISLTKCLESTKLLADLKKCGDLECEALINRVSAMRDYRGPDCRYLNFTKGEEISVYV
 KLAGEREDLWAGSKGKEFGYFPRDAVQIEEVFISEEIQMSTKESDFLCLLVSYTFDNEDELNGDYGEN
 IYPYEEDKDEKSSIIYESDFQIEPGFYATYESTLFEDQVPALEAPEDIGSTSESKDWEEVVVSMEQDRIP
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 ESEIDSVPKTQSELAASEHHPKQSTGWFGGGFTSYLFGFDEDTGLELIAEESNPPLQDFPNSISSDKE
 ATVPCTEILTEKDDITNDSLSPKSWDFGFAILGFAYAKEDKIMLDRKNEEDGGADEHEHPLTSELD
 PEKEQEIETIKIIEIETEDQIDKKPVSEKTDSDTIPYLKFLYNFDPNWFQNIKPKETELPFPKQILDQNN
 VIENEETGEFSIDNYPTDNTKVMIFKSSYSLSDMVSNIELPTRIHEEVYFEPSSSKSDENSKPSVDTEG
 PALVEIDRSVENTLLNSQMSTDNSLSSQNYISQKEDASEFQILKYLFIQIDVYDFMNSAFSPIVILTERV
 SLFPKPFMAILPILLNIRVATKYV

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human

Serotype:	AAV-2
ACCN:	NM_054024
ORF Size:	1962 bp
Buffer:	PBS with 0.001% Pluronic F8785
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_054024.3</u>
RefSeq Size:	2351 bp
RefSeq ORF:	1965 bp
Locus ID:	117153
UniProt ID:	<u>Q96PC5</u>
Cytogenetics:	14q21.1
MW:	73.9 kDa