

Product datasheet for **RC219389A1V**

Human ME2 (NM_002396) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ME2 (NM_002396) AAV Particle
Tag:	Myc-DDK
Symbol:	ME2
Synonyms:	ODS1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC219389 representing NM_002396
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTTGTCCCGTTAAGAGTAGTTTCCACCCTTGTACTTTGGCATGTCGACATTTGCACATAAAAGAAA
 AAGGCAAGCCACTTATGCTGAACCCAAGAACAAACAAGGGAATGGCATTACTTTACAAGAACGACAAAT
 GCTTGGTCTTCAAGGACTTCTACCTCCCAAAATAGAGACACAAGATATTCAAGCCTTACGATTTCATAGA
 AACTTGAAGAAAATGACTAGCCCTTTGAAAAATATATCTACATAATGGGAATACAAGAAAGAAATGAGA
 AATTGTTTTATAGAATACTGCAAGATGACATTGAGAGTTTAAATGCCAATTGTATATACACCGACGGTTGG
 TCTTGCCTGCTCCAGTATGGACACATCTTTAGAAGACCTAAGGGATTATTTATTTGATCTCAGACAGA
 GGTGATGTTAGATCAATTGTGGATAACTGGCCAGAAAATCATGTTAAGGCTGTTGTAGTGACTGATGGAG
 AGAGAATTCTGGGTCTTGAGATCTGGGTGTCTATGGAATGGGAATCCAGTAGGAAAATTTGTTTGTAT
 TACAGCTTGTGCAGGAATACGGCCTGATAGATGCCTGCCAGTGTGTATTGATGTGGGAAGTATAATATC
 GCACTCTTAAAAGACCCATTTTACATGGGCTTGTACCAGAAAACGAGATCGCACACAACAGTATGATGACC
 TGATTGATGAGTTTATGAAAGCTATTACTGACAGATATGGCCGGAACACACTCATTGAGTTTCAAGAGCTT
 TGGAAATCATAATGCATTGAGTTCTTGAGAAAGTACCGAGAAAAATATTGACTTTCAATGATGATATT
 CAAGGGACAGCTGCAGTAGCTCTAGCAGGTCTTCTTGACGACAAAAAGTTATTAGTAAACCAATCTCCG
 AACACAAAATCTTATTCCTTGGAGCAGGAGAGGCTGCTCTTGGAAATGCAAACTCTATAGTTATGTCTAT
 GGTAGAAAATGGCCTGTCAGAACAGAGGCACAAAAGAAAATCTGGATGTTTGACAAGTATGTTTATTA
 GTTAAGGACGGAAGCAAAAATAGATAGTTATCAGGAACCATTTACTCACTCAGCCCCAGAGAGCATAC
 CTGATACTTTTGAAGATGCAGTGAATATACTGAAGCCTTCAACTATAATTGGAGTTGCAGGTGCTGGCCG
 TCTTTTCACTCCTGATGTAATCAGAGCCATGGCCTCTATCAATGAAAGGCCTGTAATATTTGCTTAAGT
 AATCCTACAGCACAGGCAGAGTGCACGGCTGAAGAAGCATATACACTTACAGAGGCGAGTGTGTTGTTG
 CCAGTGGCAGTCCATTTGGGCCAGTGAACTTACAGATGGGCGAGTCTTACACCAGGTCAAGGAAACAA
 TGTTTTATTTTTCCAGGTGTGGCTTTAGCTGTTATTCTCTGTAACACCCGGCATATTAGTGACAGTGTT
 TTCCTAGAAGCTGCAAAGGCCCTGACAAGCCAATTGACAGATGAAGAGCTAGCCCAAGGAGACTTTACC
 CACCGCTTGCTAATATTCAGGAAGTTTCTATTAACATTGCTATTAAAGTTACAGAATACCTATATGCTAA
 TAAATGGCTTTCCGATACCCAGAACCTGAAGACAAGGCCAAATATGTTAAAGAAAGAACATGGCGGAGT
 GAATATGATTCCCTGCTGCCAGATGTGTATGAATGGCCAGAATCTGCATCAAGCCCTCCTGTGATAACAG
 AA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MLSRLRVVSTTCTLACRHLHIKEKGKPLMLNPRTNKGMAFTLQERQMLGLQGLLPPKIETQDIQALRFHR
 NLKKMTSPLEKYIYIMGIQERNEKLFYRILQDDIESLMPVYTPVGLACSQYGHIFRRPKGLFISISDR
 GHVRSIVDNWPNHVKAIVVTDGERILGLGDLGVYGMGIPVGKLCCLYTACAGIRPDRCLPVCIDVGTDNI
 ALLKDPFYMGLYQKRDRTQQYDDLIDEFMKAITDRYGRNTLIQFEDFGNHNAFRFLRKYREKYCTFNDDI
 QGTAVALAGLLAAQKVISKPISEHKILFLGAGEAALGIANLIVMSMVENGLSEQEAQKKIWMFDKYGLL
 VKGRKAKIDSQEPFTHSAPESIPDTFEDAVNLIKPSIIIGVAGAGRLFTPDVIRAMASINERPVIFALS
 NPTAQAECTAEEAYTLTEGRCLFASGSPFGPVKLTGDRVFTPGQGNVYIFPGVALAVILCNTRHISDSV
 FLEAAKALTSQLTDEELAQGRLYPPLANIQEV SINIAIKVTEYLYANKMAFRYPEPEDKAKYVKERTWRS
 EYDSSLPLDVYEWPESSPPVITE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_002396
ORF Size:	1752 bp
Buffer:	PBS with 0.001% Pluronic F7983
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_002396.3</u>
RefSeq Size:	2730 bp
RefSeq ORF:	1755 bp
Locus ID:	4200
UniProt ID:	<u>P23368</u>
Cytogenetics:	18q21.2
MW:	65.44 kDa