

Product datasheet for **RC218101A1V**

Human MEK3 (MAP2K3) (NM_002756) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MEK3 (MAP2K3) (NM_002756) AAV Particle
Tag:	Myc-DDK
Symbol:	MEK3
Synonyms:	MAPKK3; MEK3; MKK3; PRKMK3; SAPKK-2; SAPKK2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC218101 representing NM_002756 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCAAGCCACCCGCACCCAACCCACACCCCCCGGAACCTGGACTCCCGGACCTTCATCACCATTG
 GAGACAGAACTTTGAGGTGGAGGCTGATGACTTGGTGACCATCTCAGAACTGGGCCGTGGAGCCTATGG
 GGTGGTAGAGAAGGTGCGGCACGCCAGAGCGGCACCATCATGGCCGTGAAGCGGATCCGGGCCACCGTG
 AACTCACAGGAGCAGAAGCGGCTGCTCATGGACCTGGACATCAACATGCGCACGGTCGACTGTTTCTACA
 CTGTACCTTTCTACGGGCACTATTAGAGAGGGAGACGTGTGGATCTGCATGGAGCTCATGGACACATC
 CTTGGACAAGTTCTACCGGAAGGTGCTGGATAAAAAACATGACAATTCAGAGGACATCCTTGGGGAGATT
 GCTGTGTCTATCGTGCGGGCCCTGGAGCATCTGCACAGCAAGCTGTGGTGATCCACAGAGATGTGAAGC
 CCTCAATGTCCTTATCAACAAGGAGGGCCATGTGAAGATGTGTGACTTTGGCATCAGTGGCTACTTGGT
 GGACTCTGTGGCCAAGACGATGGATGCCGGCTGCAAGCCCTACATGGCCCTGAGAGGATCAACCCAGAG
 CTGAACCAGAAGGGCTACAATGTCAAGTCCGACGTCTGGAGCCTGGGCATCACCATGATTGAGATGGCCA
 TCCTGCGGTTCCCTTACGAGTCTGGGGACCCGTTCCAGCAGCTGAAGCAGGTGGTGGAGGAGCCGTC
 CCCCCAGCTCCAGCCGACCGTTTCTCCCCGAGTTTGTGGACTTCACTGCTCAGTGCCTGAGGAAGAAC
 CCCGCAGAGCGTATGAGCTACCTGGAGCTGATGGAGCACCCCTTCTTACCTTGCACAAAACCAAGAAGA
 CGGACATTGCTGCCTTCGTGAAGGAGATCCTGGGAGAAGACTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence:	>RC218101 representing NM_002756 Red=Cloning site Green=Tags(s) MSKPPAPNPPTPRNLDSTRTFITIGDRNFEVEADDLVTISELGRGAYGVVEKVRHAQSGTIMAVKRIRATV NSQEQKRLLMDLDINMRTVDCFYTVTFYGALFREGDVWICMELMDTSLDKFYRKVLDKNMTIPEDILGEI AVSIVRALEHLHSLSVIHRDVKPSNVLINKEGHVKMCDFGISGYLVDSVAKTMDAGCKPYMAPERINPE LNQKGYNVKSDVWSLGITMIEMAILRFPYESWGTPFQQLKQVVEEPSQLPADRFSPFVDFTAQCLRKN PAERMSYLELMEHPFFTLHKTKKTDIAAFVKEILGEDS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002756
ORF Size:	954 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:	NM_002756.4 , NP_002747.2
RefSeq Size:	2061 bp
RefSeq ORF:	957 bp
Locus ID:	5606
UniProt ID:	P46734
Cytogenetics:	17p11.2
MW:	36.6 kDa