

Product datasheet for **RC207115A1V**

Human MEK3 (MAP2K3) (NM_145109) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human MEK3 (MAP2K3) (NM_145109) 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: >RC207115 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGTCGCCCCGCTCGAGCCAGCCGCCAGCATGCCCCAGTCCAAAGGAAAATCCAAGAGGAAGAAGG
 ATCTACGGATATCCTGCATGTCCAAGCCACCCGCACCCAACCCACACCCCCCGGAACCTGGACTCCCG
 GACCTTCATCACCATTGGAGACAGAACTTTGAGGTGGAGGCTGATGACTTGGTGACCATCTCAGAAGT
 GGCCGTGGAGCCTATGGGTGGTAGAGAAGGTGCGGCACGCCAGAGCGGCACCATCATGGCCGTGAAG
 GGATCCGGGCCACCGTGAATCACAGGAGCAGAAGCGGCTGCTCATGGACCTGGACATCAACATGCCAC
 GGTGACTGCTTCTACACTGTCACCTTCTACGGGCACTATTCAGAGAGGGAGACGTGTGGATCTGCATG
 GAGCTCATGGACACATCCTTGGACAAGTTCTACCGGAAGTGCTGGATAAAAAACATGACAATTCCAGAGG
 ACATCCTTGGGGAGATTGCTGTGTCTATCGTGCGGGCCCTGGAGCATCTGCACAGCAAGCTGTCGGTGT
 CCACAGAGATGTGAAGCCCTCCAATGTCCTTATCAACAAGGAGGGCCATGTGAAGATGTGTGACTTTGGC
 ATCAGTGGCTACTTGGTGGACTCTGTGGCCAAGACGATGGATGCCGGCTGCAAGCCCTACATGGCCCTG
 AGAGGATCAACCAGAGCTGAACCAGAAGGGCTACAATGTCAAGTCCGACGTCTGGAGCCTGGGCATCAC
 CATGATTGAGATGGCCATCCTGCGGTTCCCTTACGAGTCTGGGGACCCCGTTCCAGCAGCTGAAGCAG
 GTGGTGGAGGACCGTCCCCCAGCTCCAGCCGACCGTTTCTCCCCGAGTTTGTGGACTTCACTGCTC
 AGTGCCTGAGGAAGAACCCGCAGAGCGTATGAGCTACCTGGAGCTGATGGAGCACCCCTTCTTACCTT
 GCACAAAACCAAGAAGACGCGACATTGCTGCCTTCGTGAAGGAGATCCTGGGAGAAGACTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC207115 protein sequence Red=Cloning site Green=Tags(s) MESPASSQPASMPQSKGKSKRKKDLRISCMSKPPAPNPTPPRNLDSRTFITIGDRNFEVEADDLVTISEL GRGAYGVVEKVRHAQSGTIMAVKRIRATVNSQEQKRLMLDLINMRTVDCFYTVTFYGFALFREGDVWICM ELMDTSLDKFYRKVLDKNMTIPEDILGEIAVSIVRALEHLHSLKSVIHRDVKPSNVLINKEGHVKMCDG ISGYLVDSVAKTMDAGCKPYMAPERINPELNQKGYNVKSDVWSLGITMIEMAILRFPYESWGTPTFQQLKQ VVEEPPQLPADRF SPEFVDFTAQCLRKNPAERMSYLELMEHPFFTLHKTKKTDIAAFVKEILGEDS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_145109
ORF Size:	1041 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_145109.1
RefSeq Size:	2319 bp
RefSeq ORF:	1044 bp
Locus ID:	5606
UniProt ID:	P46734
Cytogenetics:	17p11.2
MW:	39.3 kDa