

Product datasheet for **RC223988A1V**

Human MEKK2 (MAP3K2) (NM_006609) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MEKK2 (MAP3K2) (NM_006609) AAV Particle
Tag:	Myc-DDK
Symbol:	MAP3K2
Synonyms:	MEKK2; MEKK2B
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC223988 representing NM_006609
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGATGATCAGCAAGCTTTGAACCAATCATGCAAGATTTGGCTGTCCTTCATAAGGCCAGTCGACCAG
 CATTATCCTTGCAGGAAACCAGAAAAGCAAAATCTTCATCACCAAAAAACAGAATGATGTCGAGTCAA
 ATTTGAACATAGAGGAGAAAAAGAATCCTTCAGTTCCCCAGACCAGTTAACTGGAAGATCTGAGATCT
 AAAGCTAAAATTGCCTTTGGACAGTCTATGGATCTACATTATACCAATAACGAGTTGGTAATTCATTAA
 CTACTCAAGATGACTTGGACAAAGCTGTGGAAGTCTGGATCGTAGTATTCATATGAAGAGCCTCAAGAT
 ATTACTTGTAATAATGGAAGTACACAGGCTACTAATTTAGAACCATTGCCATCACTAGAAGATTTGGAT
 AATACAGTATTTGGAGCAGAGAGGAAAAACGGCTATCTATAATAGGTCCTACTAGTAGAGATAGAAGTT
 CTCCTCCCCAGGTTACATTCCAGATGAATTACACCAGGTTGCCCGAATGGGTCATTCACTAGTATCAA
 CAGTGAAGGAGAGTTCATTCCAGAGAGCATGGACCAAAATGCTGGATCCATTATCTTTAAGCAGCCCTGAA
 AATTCTGGCTCAGGAAGTTGTCCATCACTTGATAGTCCTTTGGATGGAGAGAGCTATCCAAAATCACGAA
 TGCCTAGGGCTCAGAGCTACCCAGATAATCATCAGGAATTTTCAGACTATGATAACCCTATCTTTGAGAA
 ATTTGGAAAAGGAGGAACATATCCAAGAAGGTATCATGTTTCATATCATCATCAAGAGTATAATGATGGT
 CGTAAACTTTTCCAAGAGCTAGAAGGACCCAGGGGACCAGCTTACGGTCTCCTGTGAGTTTCAGTCCTA
 CTGATCATTCTTAAGCACTAGTAGTGAAGCAGTATCTTTACCCAGAGTATGATGATAGTCGAATAAG
 AAGAAGGGGAAGTGACATAGACAATCCTACTTTGACCGTAATGGACATCAGCCACCCAGCCGTTACCT
 CGAGCTCCGACCAACTGGAGATTGGGCAAACTGCTTGGCAAGGAGCCTTTGGAAGGGTCTACCTCTGTT
 ATGATGTTGATACAGGAAGAGAATTGGCTGTTAAGCAAGTTCAATTTGACCCGATAGTCCTGAGACCAG
 CAAGGAAGTAAATGCACTTGAGTGTGAATTCAGTTGCTGAAAAACTTGCTACATGAGCGAATTGTTGAG
 TATTATGGCTGTTTGAAGGATCCCCAGGAAAAACACTTTCCATATTTATGGAATATATGCCAGGGGTT
 CAATTAAGGACCAATTAAGACATATGGCGCTCTTACTGAGAATGTGACTAGGAAATACACCCGTCAGAT
 TCTGGAGGGTGTCCATTATTTGCACAGTAATATGATTGTCCATAGAGATATCAAAGGCGCAAATATCCTG
 CGAGATTCAACAGGCAACGTCAAAGTAGGAGATTTTGGGGCCAGCAAACGGCTTCAGACCATCTGTCTCT
 CAGGGACAGGAATGAAGTCTGTACGGGCACACCATACTGGATGAGCCCTGAAGTCATCAGTGGAGAAGG
 CTATGGAAGAAAAGCAGACATCTGGAGTGTGCATGTACTGTGGTAGAAATGCTAACTGAAAAGCCGCT
 TGGGCTGAATTTGAAGCAATGGCTGCCATCTTTAAATCGCCACTCAGCCAACAAACCCAAAGCTGCCAC
 CTCATGTCTCAGACTATACTCGAGATTTCTCAAACGGATTTTGTAGAGGCCAACTGAGACCTTCAGC
 TGATGAACTCTTAAGGCACATGTTTGTGCATTATCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MDDQQALNSIMQDLAVLHKASRPALSLQETRKAKSSSPKKQNDVRVKFEHRGKRLQFPRPVKLEDLRS
 KAKIAFGQSMDLHYTNNELVIPLTTQDDLDKAVELLDRSIHMKSLKILLVINGSTQATNLEPLPSLEDLD
 NTVFGAERKKRLSIIGPTSRDRSSPPPGYIPDELHQVARNGSFTSINSEGEFIPESMDQMLDPLSLSSPE
 NSGSGSCPSLDSPLDGESYPKSRMPRAQSYPDNHQEFSDYDNPIFEKFGKGGTYPRRYHVSYYHHEYNQD
 RKTFFPRARRTQGTSLRSPVSFSPTDHSLSSTSGSSIFTPEYDDSRIRRRGSDIDNPTLTVMDISPPSRSP
 RAPTNWRLGKLLGQAFGRVYLCYDVTGRELAVKQVQFDPSPETSKEVNALECEIQLLKNLLHERIVQ
 YYGCLRDPQEKLSIFMEYMPGGSIKDQLKAYGALTENVTIRKYTRQILEGVHYLHSNMIVHRDIKGANIL
 RDSTGNVKLGDFGASKRLQITCLSGTGMKSVTGTPTYWMSPEVISGEGYGRKADIWSVACTVVEMLTEKPP
 WAEFEAMAAIFKIATQPTNPKLPPHVSDYTRDFLKRIFVEAKLRPSADELLRHMVFVHYH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_006609
ORF Size:	1857 bp
Buffer:	PBS with 0.001% Pluronic F8739
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_006609.2</u>
RefSeq Size:	3336 bp
RefSeq ORF:	1860 bp
Locus ID:	10746
UniProt ID:	<u>Q9Y2U5</u>
Cytogenetics:	2q14.3
MW:	69.6 kDa