

Product datasheet for **RC217608A1V**

Human Germinal Center Kinase (MAP4K2) (NM_004579) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Germinal Center Kinase (MAP4K2) (NM_004579) AAV Particle
Tag:	Myc-DDK
Symbol:	MAP4K2
Synonyms:	BL44; GCK; RAB8IP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC217608 representing NM_004579
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCGCTGCTGCGGGATGTGTGCTGCAGGACCCGCGGACCGCTTCGAGCTGCTGCAGCGCTGGGG
 CCGGGACCTATGGCGACGTCTACAAGGCCCGCGACACGGTCACGTCCGAAGTGGCCGCCGTGAAGATAGT
 CAAGCTAGACCCAGGGACGACATCAGCTCCCTCCAGCAGGAAATCACCATCCTGCGTGAGTGCCGCCAC
 CCCAATGTGGTGGCTACATTGGCAGCTACCTCAGGAATGACCGCTTGTGGATCTGCATGGAGTTCTGCG
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 CCGAGAGGCACTGAAGGGGCTCCACCACCTGCATTCTCAGGGGAAGATCCACAGAGACATCAAGGGAGCC
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 CTGTGGCCAAGAGGAGGTCTTTATTGGGACTCCCTACTGGATGGCTCCCGAGGTGGCTGCTGTGGAGCG
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 CTCCTCACACAGCTGCTGGACAAAGCCAGTGACCTCATCTGGGGACCCCTCCCTGAGGACTGTGAGC
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 CTCGGAGATCCAGTTTACCAGGTGAAATTTGGCGCCCGACGAGGAAGGAACTGACCCACTGAATGAG
 CCGTGGGAGGAAGAGTGGACACTACTGGGAAAGGAAGATTGAGTGGGAGCCTGCTGCAGTCGGTCCAGG
 AGGCCCTGGAGGAAGGAGTCTGACTATTCGGTCAGCCTCAGAATTCAGGAGCTGGACTCCCCAGACGA
 TACCATGGGAACCATCAAGCGGGCCCGTTCCTAGGGCACTCCCACTGACCTCCAGCAGAGGAGCCT
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 TGCATGAAGTGCATGAGGATACGCTGGAGAAGCTGATTCACATCGTCTGCTGCTCTACTGCGTGAA
 CAACGTGCTGCTGCTCACTCTCAGGGAATCCACGCACATCTGGGCCCATGACCTCCAGGCCTGTTTGA
 CAGCGGAGGCTACAGCAACAGGTTCCCTCTCCATCCCCACCAACCGCCTCACCAGCGCATCATCCCCA
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 CTGCAGAAGTTTCTGCTGCTGAAGAAGTCTCCAGCCCTTGCCAGCCAGCTGGGATGCTGGAGCCGC
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 CGTCTGTTCCATGTCTGCCCCTGAGGCTGGCTGACGCCCCGACATCTCATCCACCTGAGGGGATC
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 GAGCACCTAC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC217608 representing NM_004579 Red=Cloning site Green=Tags(s) MALLRDVSLQDPRDRFELLQRVGAGTYGDVYKARDTVTSELA AVKIVKLDPGDDISSLQQEITILRECRH PNVVAYIGSYLRNDRLWICMEFCGGSLQEIYHATGPLEERQIAYVCREALKGLHHLHSQGIHRDIKGA NLLLTQLQGDVKLADFGVSGELTASVAKRRSFIGTPYWMAPEVA AVERKGGYNELCDVWALGITAIELGEL QPPLFHLHPMRALMLMSKSSFQPPKLRDKTRWTQNFHHFLKLALTKNPKKRPTAEKLLQHPFTTQQLPRA LLTQLLDKASDPHLGTPSPEDCELETYDMFPDTIHSRGQHGAERTPSEIQFHQVKFGAPRRKETDPLNE PWEEEWTLGKEELSGSLLQSVQEAL EERSLTIRSASEFQELDSPDDTMGTIKRAPFLGPLPTDPPAEEP LSSPPGNSSPLLPTAWATMKQREDPERSSCHGLPPTPKVHMGACFSKVFNGCPLRIHAAVTWIHPVTRD QFLVVGAEEGIYTLNLHELHEDTLEKLSHRCSWL YCVNNVLLSLSGKSTHIWAHDLPGLFQRRLLQQQV PLSIPTNRLTQRIIPRRFALSTKIPDTKGCLQCRVVRNPYTGATFLLAALPTSLLLLQWYEPLQKFLLLK NFSSPLPSPAGMLEPLVLDGKELPQVCVGAEGPEGPGCRVLFHVLPLEAGLTPDILIPPEGIPGSAQQVI QVDRDTILVSFERCVRIVNMQGEPTATLAPELTFDFPIETVVCLQDSVLAFWSHGMQGRSLDTNEVTQEI TDETRIFRVLGAHRDIILES IPTDNPEAHSNLYILTGHQSTY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004579
ORF Size:	2460 bp
Buffer:	PBS with 0.001% Pluronic F7714
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_004579.2
RefSeq Size:	2964 bp
RefSeq ORF:	2463 bp
Locus ID:	5871
UniProt ID:	Q12851
Cytogenetics:	11q13.1
MW:	91.4 kDa