

Product datasheet for **MR209699A1V**

Mouse Map4k1 (BC005433) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Map4k1 (BC005433) AAV Particle
Tag:	Myc-DDK
Symbol:	Map4k1
Synonyms:	Hpk1; mHPK1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR209699 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCCTTGTGGACCCCGACATTTTTAATAAGGACCCTCGAGAACACTATGATCTACTGCAACGACTGG
 GTGGTGGAACCTTATGGAGAAGTATTCAAGGCTCGCGACAAGGTGTCTAAGGACCTGGTGGCTTTGAAGAT
 GGTGAAGATGGAGCCTGATGATGACGTGCGCACCCCTTCAGAAGGAGATTCTCATGCTGAAAACTTGCCGG
 CACGCCAACATCGTGGCTTACCATGGCAGTTACCTCTGGCTGCAGAAGCTGTGGATCTGCATGGAATTCT
 GTGGAGCCGGTCTCTCCAGGACATCTACCAAGTACTGGCTCTCTGTCCGAGCTCCAGATCAGTATGT
 GTGCCGGGAAGTGCTTACGGACTGGCTACCTGCATTAGAGAGAAGATACATCGAGACATCAAGGGA
 GCCAACATCCTCATCAACGACTGCGGGGAGGTTAAGCTGGCTGACTTTGGGATCTCAGCCAGATTGGGG
 CGACACTGGCCCGGCCCTTTCTTTTATTGGGACACCGTACTGGATGGCTCCAGAGGTGGCAGCGGTGGC
 CCTGAAGGGTGGATAACAATGAGCTGTGCGACATCTGGTCTCTTGGCATCACAGCCATCGAGCTGGCTGAG
 CTTAGCCCTCTCTTTGATGTGCACCCTCTCAGGGTCTCTTCTCATGACCAAGAGCGGGTACCAGC
 CTCTCGGCTGAAGGAAAAGAGCAGATGGTCATCTTCTTCCACAACCTTTGTCAAAGTACCCCTACTAA
 GAACTCCAAGAAACGCCCCAGTCCACCAAGATGCTCAGTCATCAGCTGGTGTCCAGCCAGGGCTGAAC
 AGAGGCCTGATCTTGGATCTTCTTGACAAAATGAAGAATCCTGGGAAGGGGTGCCTGTTGATATTGAAG
 ATGAGGAGCCTGAGCCACCCCTGCCATCCCTCGGCGGATCAGATCTACCTACCGGGCCAGCTACTAGG
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 CAGGCTGAAACTGTTGCTTATATCCCCTGCACACTTCGGGAGCACCAGTCCCAGGAGTCAGCTGTGAG
 ATTCTGATGACGACTATGATGATGTGGACATCCCTGCCCTTCAGAGAACATACTCTCCACTGCCCCC
 CAAGCCCAAGTTTCGGTCTCCATCAGATGATGGTCTGGAGGAATTAGGGATGATGGGCAATTGAGTCCA
 GGGGTTCTGGTTCGATGTGCAAGTGGGCCCTCCACGTACTCCCGACCTGGACCTCCCCAGCGACCC
 GCAGCCCTCACCTCACAGCTCGCTCAGATCCCTCATTGTGGAACCCAGCTGCTCCGGAGCCAGGCCAGCC
 CCCACTCGTACCCCAAGGAAGGAAAAGATGAGGGGAAAGATGGAGAACGAGAAGCGCAGAGAGAAATAT
 CCCCTTCTGTGAAATATTCAACGGCTGTCCCTCCAGATCCACAGCACAGCTGCCTGGACACATCCCT
 CTACAAAAGATCAGAACCTGCTCCTGGGGCAGAGGAAGGCATTTTCATACTGAACCGGAATGATCAGGA
 GGCCACGCTGGAATGATCTTCCCTGGCCGCACAACCTGGCTCTATTGCATCAACAACCTCCTCATGTCT
 CTCTCAGGGAAGACACCCTACCTGATTTCTCATAGCATCTGGGCTGCTTGAAAGGAAAGACGGCAGAA
 CAGGAAGCCCCATTGCTCACATTAGCCCTCACCGGTTACTGGCAAGAAAGAACATGGTCTCCAGTAAGAT
 CCAGGACACCAAAGGCTGCCGGGCTTGCTGTGTGGGTGAGAGCCAGCTTCCCTCCGGGTGCAGAGTGATG
 GGGCGGCCGGTGCCTGGCCAGTGTCTACTCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

Protein Sequence:	>MR209699 protein sequence Red=Cloning site Green=Tags(s) MALVDPDIFNKDPREHYDLLQRLGGGYGEVFKARDKVSVDLVALKMKMEPDDDDVATLQKEILMLKTCR HANIVAYHGSYLWLQKLWICMEFCGAGSLQDIYQVTGSLSELQISYVCREVLQGLAYLHSEKKIHRDIK ANILINDCGEVLADFGISAQIGATLARRLFSGITPYWMAPEVAVALKGGYNELCDIWSLGITAIELAE LQPPLFDVHPLRVLFMTKSGYQPPRLKEKSRWSSSFHNFVKVTLTKNSKKRPSATKMLSHQLVSPGLN RGLILDLLDKMKNPGKGLPVDIEDEEPEPPAIPRRIRSTYRASSLGIPDADCCRRQMEFQRPRCVDCRP QAETVRLYPPAHFGSTSPRSQSDSDDDYDDVDIPAPSENIPPLPPKPKFRSPSDDGSGGIRDDGQLSP GVLVRCASGPPRTPRPGPPATRSPLHTARSDPSLWNPAAPEPGQPPLVPPRKEKMRGKMENEKRREKY PLLVKLFNGCPLQIHSTAAWTHPSTKDQNLGAEEGIFILNRNDQEATLEMIFPGRTTWLYCINLLMS LSGKTPYLYSHSILGLLERKDGRTGSPIAHISPHRLLARKNMVSSKIQDTKGCRAACCVGESQLPSGCRVM GRAGAWPVSTQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	BC005433
ORF Size:	1923 bp
Buffer:	PBS with 0.001% Pluronic F801
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:	BC005433 , AAH05433
RefSeq Size:	2783 bp
RefSeq ORF:	1925 bp
Locus ID:	26411
Cytogenetics:	7 B1
MW:	71.2 kDa