

Product datasheet for RC201827A1V

Human MEK2 (MAP2K2) (NM_030662) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MEK2 (MAP2K2) (NM_030662) AAV Particle
Tag:	Myc-DDK
Symbol:	MEK2
Synonyms:	CFC4; MAPKK2; MEK2; MKK2; PRKMK2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC201827 representing NM_030662 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**

ATGCTGGCCCGGAGGAAGCCGGTGTGCCGGCGCTCACCATCAACCCTACCATCGCCGAGGGCCCATCCC
CTACCAGCGAGGGCGCCTCCGAGGCAAACCTGGTGGACCTGCAGAAGAAGCTGGAGGAGCTGGAACCTGA
CGAGCAGCAGAAGAAGCGGCTGGAAGCCTTTCTACCCAGAAAGCCAAGTTCGGCGAAGCTCAAAGACGAT
GACTTCGAAAGGATCTCAGAGCTGGGCGCGGGCAACGGCGGGTGGTACCAAAGTCCAGCACAGACCCT
CGGGCCATCATGCGCAGGAAGCTGATCCACCTTGAGATCAAGCCGGCCATCCGGAACCATCATCCG
CGAGTGCAGGTCGCACGAATGCAACTCGCCGTACATCGTGGGCTTCTACGGGCCTTCTACAGTGAC
GGGAGATCAGCATTGTCATGGAACACATGGACGGCGGCTCCCTGGACCAGGTGCTGAAAGAGGCCAAGA
GGATCCCGAGGAGATCCTGGGAAAGTCAAGTGCAGTTCGCGGTTCTCCGGGCTTGGCGTACCTCCGAGAGAA
GCACCAGATCATGCACCGAGATGTGAAGCCCTCCAACATCCTCGTGAAGTCTAGAGGGGAGATCAAGCTG
TGTGACTTCGGGGTGAAGCGCCAGCTCATAGACTCCATGGCCAACTCCTCGTGGGCACGCGCTCCTACA
TGGCTCCGGAGCGGTTGACGGGCACACATTACTCGGTGCAGTCCGACATCTGGAGCATGGCCTGTCCCT
GGTGGAGCTGGCCGTGGAAGGTACCCCATCCCCCGCCGACGCAAAGAGCTGGAGGCCATCTTTGGC
CGGCCCGTGGTCGACGGGAAGAAGGAGAGCCTCACAGCATCTCGCCTCGGCCGAGGCCCGCCGCGCC
CCGTACGCGGTACGGGATGGATAGCCGCGCTGCCATGGCCATCTTTGAAGTCTGGACTATATTGTGAA
CGAGCCACCTCCTAAGCTGCCAACGGTGTGTTACCCCCGACTTCCAGGAGTTTGTCAATAAATGCCTC
ATCAAGAACCCAGCGGAGCGGGCGGACCTGAAGATGCTCACAACCCACACCTTCAAGCGGTCCGAGG
TGAAGAAGTGGATTTTCCGGCTGTTGTGTAACCCTGCGGCTGAACCAGCCGGCACACCCACGCG
CACCGCCGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC201827 representing NM_030662 Red=Cloning site Green=Tags(s)</p> <p>MLARRKPVLPAL TINPTIAEGPSPTSEGASEANLVDLQKKLEELDEQQKRLEAFLTQKAKVGELKDD DFERISELGAGNGGVVTKVQHRPSGLIMARKLIHLEIKPAIRNQIIRELQVLHECNSPYIVGFYGFYSD GEISICMEHMDGGSLDQVLKEAKRIPEEILGKYSIAVLRGLAYLREKHQIMHRDVKPSNILVNSRGEIKL CDFGVSGQLIDSMANSFVGTSTRYMAPERLQGTHYSVQSDIWSMGLSLVELAVGRYPIPPDAAKELEAIFG RPVVDGEEGEPHSISPRPRPPGRPVSGHGMSRPAMAFELLDYIVNEPPPPLPNGVFTPDFQEFVNKCL IKNPAERADLKMLTNHTFIKRSEVEEVDFAGWLCKTLRLNQPGETPRTAV</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_030662
ORF Size:	1200 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_030662.2 , NP_109587.1
RefSeq Size:	1759 bp
RefSeq ORF:	1203 bp
Locus ID:	5605
UniProt ID:	P36507
Cytogenetics:	19p13.3
MW:	44.2 kDa