

Product datasheet for **MR227633A1V**

Mouse Mapk1 (NM_011949) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Mapk1 (NM_011949) AAV Particle
Tag:	Myc-DDK
Symbol:	Mapk1
Synonyms:	9030612K14Rik; AA407128; AU018647; C78273; ERK; Erk2; MAPK2; p41mapk; p42mapk; Prkm1; PRKM2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR227633 representing NM_011949 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGCGCGGGCGGGCGGGCGGGCCCGGAGATGGTCCGCGGGCAGGTGTTGACGTAGGGCCGCGCTACA
CCAACCTCTCGTACATCGGAGAAGGCGCCTACGGCATGGTTTGCTCTGCTTATGATAATCTCAACAAAGT
TCGAGTTGCTATCAAGAAAATCAGTCTTTGAGCACCAGACCTACTGTCAAAGAACCCTAAGAGAGATA
AAAATCTTACTGCGCTTCAGACATGAGAACATCATTGGCATCAATGACATCATCCGGGCACCAACCATTG
AGCAAATGAAAGATGTATATATAGTACAGGACCTCATGGAGACGGACCTTACAAGCTCTTGAAGACACA
GCACCTCAGCAATGACCACATCTGCTATTTTCTTATCAGATCCTGAGAGGGCTAAAGTATATCCATTCA
GCTAACGTTCTGCACCGTGACCTCAAGCCTTCCAACCTCCTGCTGAACACCACTTGTGATCTCAAGATCT
GTGACTTTGGCCTTGCCCGTGTTGCAGATCCAGATCATGATCACACAGGGTTCTTGACAGAGTACGTAGC
CACACGTTGGTACAGAGCTCCAGAAATTATGTTGAATTCCAAGGTTATACCAAGTCCATTGATATTTGG
TCTGTGGGCTGCATCCTGGCAGAGATGCTATCCAACAGGCCTATCTTCCAGGAAAGCATTACCTTGACC
AGCTGAATCACATCCTGGGTATTCTTGATCTCCATCACAGGAAGATCTGAATTGTATAATAAATTTAA
AGCTAGAACTATTTGCTTTCTCTCCGCACAAAAATAAGGTGCCATGGAACAGGTTGTCCCAATGCT
GACTCCAAAGCTCTGGATTTACTGGATAAAATGTTGACATTTAACCTCACAGAGGATTGAAGTTGAAC
AGGCTCTGGCCACCCATACCTGGAGCAGTATTATGACCAAGTGATGAGCCATTGCTGAAGCGCCATT
CAAGTTTGACATGGAGTTGGACGACTTACCTAAGGAGAAGCTCAAAGAACTCATTTTGAAGAGACTGCT
AGATCCAGCCAGGATACAGATCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR227633 representing NM_011949 Red=Cloning site Green=Tags(s) MAAAAAAGPEMVRGQVFDVGPRYTNL SYIGEGAYGMVCSAYDNLNKVRVAIKKISPFQYTCQRTLREI KILLRFRHENIIGINDIIRAPTIEQMKDVIYVQDLMETDLYKLLKTQHLSDHICYFLYQILRGLKYIHS ANVLHRDLKPSNLLNTTCDLKICDFGLARVADPDHDHTGFLTEYVATRWYRAPEIMLSKGYTKSIDIW SVGCILAEMLSNRPFIIPGKHLYDLNHLGILGSPSQEDLNCIINLKARNYLLSLPHKNKVPWNRLFPNA DSKALDLLDKMLTFNPHKRIEVEQALAHPLYEQYYDPSDEPIAEAPFKFDMELDDLPEKLEKELIFEETA RFQPGYRS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_011949
ORF Size:	1074 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:	<u>NM_011949.3, NP_036079.1</u>
RefSeq Size:	5099 bp
RefSeq ORF:	1077 bp
Locus ID:	26413
UniProt ID:	<u>P63085</u>
Cytogenetics:	16 10.53 cM
MW:	41.7 kDa