

Product datasheet for **MR210301A1V**

Mouse Eef2k (NM_007908) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Eef2k (NM_007908) AAV Particle
Tag:	Myc-DDK
Symbol:	Eef2k
Synonyms:	C86191; eEF-2K
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210301 representing NM_007908
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGACGAAGACCTCATCTTCTGCCTGGAAGGTGTTGACGGTGGCAGGTGCTCCCGAGCTGGCCACA
 ATGCGGACTCTGACACAGACAGTGACGATGATGAGGGCTATTTTCATCTGCCCCATCACTGATGACCACAT
 GTCCAATCAGAATGTCAGCTCCAAAGTCCAGAGCTACTATAGCAACCTAACAAAAACAGAGTGCGGCTCC
 ACAGGGTCACCGAGCCAGCTCCTTCCACTTCAAGGAAGCCTGGAAGCATGCGATCGAGAAAGCCAAGCACA
 TGCCTGACCCCTGGGCTGAATTCATCTCGAGGACATCGCCACAGAACATGCTACTCGGCACAGGTACAA
 CGCTGTACCGGGGAATGGCTGAAAGACGAGGTTCTGATCAAGATGGCGTCTCAGCCCTTCGGCCGTGGA
 GCAATGAGGGAGTGCTTCAGGACGAAGAACTCTCAACTTCTTGACGCCCAGCAATGGAAGGGGGCCT
 CCAACTACGTGGCCAAGCGCTACATCGAGCCGGTGACAGGAGCGTGACTTTGAGGATGTGAGCTCCA
 GATGGAGGCGAAGCTCTGGGGGAGGATTACAATCGGCACAAGCCCCCAAGCAGGTGGATATCATGCAG
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 AGTACATCAAGTACAATTCCAACCTCAGGCTTTGTCCGTGATGACAACATCCGACTAACCCACAGGCCTT
 CAGCCATTTACATTTGAGCGTTCTGGTCATCAGCTGATTGTAGTGGACATCCAGGGTGTGGGTGACCTT
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 GGGACAGAGGAGAAGTGTGGGAGTCCCCGCATAAGGACACTCTAGCAGCCGGCCCCCTTTGCTCCTTC
 GCCTGTGAGAGAACTCCGGGGATGAGAACATGAGTGACGTGACCTTTGACTCTCTGCCTTCTCCCCGTC
 TTCAGCTACACCACACAGCCAGAACTGGACCCTCCATTGGCCAGTGTTTGGTGACCTCGATAACATG
 GGCCCTAGAGACCATGACCGCATGGACAATCACCGGGACTCTGAGAATAGTGGGACAGTGGGTATCCAA
 GCGAGAAGCGAAGTGACCTGGATGATCTGAGCCCCGAGAACACGGCCACTCCAACGGCAACCGAAGGCA
 TGAATCTGACGAGGATAGCCTGGGCAGCTCTGGACGGTCTGTGTGGAGACGTGGAACCTGCTCAATCCC
 TCCCGCTGCACCTGCCGAGGCCCTCGGCCGTGGCCCTAGAAGTGCAGAGGCTAAATGCCCTGGACCTTG
 GAAGGAAAATCGGAAGTCTGTTTTGGGAAGGTCCATCTGGCCATGGTGGCATACCACGAGGGCGGGCG
 CTTCTGCGAGAAGGATGAGGAGTGGGATCGAGAGTCAGCCATCTTCCATCTGGAGCATGCAGCTGACCTG
 GGAGAACTGGAGGCCATCGTGGGCTAGGCCTCATGTACTCTCAGCTGCCCCACCACATCTGGCTGATG
 TCTCTCTGAAGGAGACAGAGGAGAACAAGACAAAAGGCTTTGATTACTTACTGAAGGCGGCAGAAGCTGG
 TGACAGGCATTCCATGATTTTAGTGGCCCGAGCTTTTGACACTGGCCTGAACCTCAGCCCAGACAGGTGT
 CAAGACTGGTCGGAAGCCTTGCACTGGTACAACACAGCCCTGGAGACAACAGACTGCGATGAAGGCGGGG
 AGTACGATGGGATACAGGACGAGCCCCAGTACGCACTGCTGGCCAGGGAGGCGGAGATGCTGCTACCGG
 GGGATTTGACTGGACAAGAACCCCAAGATCAGGAGATTTGTACCCAGGCAGCTGAGGCAGCAATG
 GAAGCCATGAAGGGCCGGCTAGCCAACCACTACTACGAGAAGGCGGAAGAGGCCCTGGGCCAGATGGAGG
 AA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210301 representing NM_007908 Red=Cloning site Green=Tags(s) MAEDLIFCLEGVDGGRCSRAGHNADSDTSDDDDEGYFICPITDDHMSNQNVSSKVQSYYSNLTKTECGS TGSPASSFHFKEAWKHAIEKAKHMPDPWAEFHLEDIATEHATRHRYNVAVTGEWLKDEVLKMASQPFGRG AMRECFRTKKLSNFLHAQQWKGASNYVAKRYIEPVDRSVYFEDVQLQMEAKLWGEDYNRHKPPKQVDIMQ MCIIELKDRPGQPLFHLEHYIEGKYIKYNSNSGFVRDDNIRLTPQAFSHFTFERSGHLIVVDIQGVGDL YTDPIHTEKGTDFGDGNLGVRGMALFFYSHACNRICQSMGLTPFDLSPREQDAVNQSTRLLQSAKTILR GTEEKCGSPRIRTLSSSRPPLLLRLSENSGDENMSDVTDFSLPSSPSATPHSQKLDHLHWPVFGDLNMG GPRDHDRMDNHRDSENSGDSGYPSEKRSDDLDDPEPREHGHSNGNRRHESDEDSLSSGRVCVETWNLLNP SRLHLPRPSAVALVQRLNALDLGRKIGKSVLGKVLAMVRYHEGGRFCEKDEEWDRESAIFHLEHAADL GELEAIVGLGLMYSQPLPHHILADVSLKETEEKTKGFDYLLKAAEAGDRHSMILVARAFDTGLNLSPDRC QDWSEALHWYNTALETTDCDEGGEYDGIQDEPQYALLAREAEMLLTGGFGLDKNPQRSGDLYTQAAEAAM EAMKGRLANQYYEKAEEAWAQME TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_007908
ORF Size:	2172 bp
Buffer:	PBS with 0.001% Pluronic F1392
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_007908.3</u>
RefSeq Size:	3079 bp
RefSeq ORF:	2175 bp
Locus ID:	13631
UniProt ID:	<u>O08796</u>
Cytogenetics:	7 F2
MW:	82.2 kDa