

Product datasheet for **MR227136A1V**

Mouse Egr1 (NM_007913) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Egr1 (NM_007913) AAV Particle
Tag:	Myc-DDK
Symbol:	Egr1
Synonyms:	A530045N19Rik; egr; Egr-1; ETR103; Krox-1; Krox-24; Krox24; NGF1-A; NGFI-A; NGFIA; TIS8; Zenk; Zfp-6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR227136 representing NM_007913
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC
 GCC**GGCGCGCC**

ATGGCAGCGGCCAAGGCCGAGATGCAATTGATGTCTCCGCTGCAGATCTCTGACCCGTTTCGGCTCCTTTC
 CTCACCTACCCACCATGGACAACCTACCCCAAACCTGGAGGAGATGATGCTGCTGAGCAACGGGGCTCCCA
 GTTCCTCGGTGCTGCCGAACCCAGAGGGCAGCGCGGTAATAGCAGCAGCAGCACCAGCAGCGGGGGC
 GGTGGTGGGGCGGCAGCAACAGCGGCAGCAGCGCTTCAATCCTCAAGGGGAGCCGAGCGAACAACCTT
 ATGAGCACCTGACCACAGAGTCTTTTCTGACATCGCTCTGAATAATGAGAAGGCGATGGTGGAGACGAG
 TTATCCAGCCAAACGACTCGGTTGCCTCCCATCACCTATACTGGCCGCTTCTCCCTGGAGCCCGCACC
 AACAGTGGCAACACTTTGTGGCTGAACCCCTTTTCAGCTAGTCAGTGGCTCGTGAGCATGACCAATC
 CTCGACCTCTTCATCCTCGGCGCTTCTCCAGCTGCTTCATCGTCTTCTCTGCCTCCAGAGCCCGCC
 CCTGAGCTGTGCGGTGCCGTCCAACGACAGCAGTCCCCTACTCGGCTGCGCCACCTTTCCTACTCCC
 AACACTGACATTTTCTGAGCCCCAAAGCCAGGCCTTTCCTGGCTCGGCAGGCACAGCCTTGACGTACC
 CGCCTCCTGCCTACCCTGCCACCAAAGGTGGTTTCCAGGTTCCCATGATCCCTGACTATCTGTTCCACA
 ACAACAGGGAGACCTGAGCCTGGGCACCCAGACCAGAAGCCCTTCCAGGGTCTGGAGAACCGTACCCAG
 CAGCCTTCGCTCACTCCACTATCCACTATTAAGCCTTCGCCACTCAGTCGGGCTCCAGGACTTAAAGG
 CTCTTAATACCACCTACCAATCCAGCTCATCAAAACCCAGCCGATGCGCAAGTACCCCAACCGGCCAG
 CAAGACACCCCCCATGAACGCCATATGCTTGCCCTGTGAGTCTGCGATCGCCGCTTTTCTCGCTCG
 GATGAGCTTACCGCCATATCCGCATCCACAGGCCAGAAGCCCTTCCAGTGTGAATCTGCATGCGTA
 ACTTCAGTCGTAGTGACCACCTTACCACCCACATCCGCACCCACACAGGCGAGAAGCCCTTTGCGTGTGA
 CATTTGTGGGAGGAAGTTTGCCAGGAGTGATGAACGCAAGAGGCATACCAAATCCATTTAAGACAGAAG
 GACAAGAAGCAGACAAAAGTGTGGTGGCTCCCGGCTGCCTCTTCACTCTCTTCTTACCCATCCCGAG
 TGGCTACCTCCTACCATCCCCTGCCACCACCTCATTCCCATCCCCTGTGCCACTTCTACTCCTCTCC
 TGGCTCCTCCACCTACCATCTCCTGCGCACAGTGGCTTCCCGTCGCGCTCAGTGGCCACCACCTTTGCC
 TCCGTTCCACCTGCTTTCCCAACCCAGGTCAGCAGCTTCCCGTCTGCGGCGTCAGCAGCTCCTTCAGCA
 CCTCAACTGGTCTTTCAGACATGACAGCGACCTTTTCTCCAGGACAATTGAAATTTGC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAAAKAEMQLMSPLQISDPFGSFPSPMDNYPKLEEMMLLSNGAPQFLGAAGTPEGSGGNSSSSTSSGG
 GGGGGSNSGSSAFNPQGEPEQPYEHLTTESFSDIALNNEKAMVETSYPSQTTRLPPITYTGRFSLEPAP
 NSGNTLWPEPLFSLVSLVSMNPPTSSSSAPSPAASSSSASQSPPLSCAVPSNDSSPIYSAAPTFTPT
 NTDIFPEPQSQAFFGSAGTALQYPPPAYPATKGGFQVPMIPDYLFPQQQGDLSLGTDPQKPFQGLNRTQ
 QPSLTPLSTIKAFATQSGSQDLKALNTTYQSQLIKPSRMRKYPNRPSTPPHERPYACPVESCDRRFSRS
 DELTRHIRIHTGQKPFQCRICMRNFSRSDHLTTHIRHTGKPFACDICGRKFARSDEKRHTKIHLRQK
 DKKADKSVVASPAASSLSSYSPVATSYSPATTSTFPSPVPTSYSSPGSSSTYPSAHSFGFSPSVATTFA
 SVPPAFPTQVSSFPSAGVSSSFSTSTGLSDMTATFSPTIEIC

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_007913

ORF Size:	1599 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_007913.5</u> , <u>NP_031939.1</u>
RefSeq Size:	3072 bp
RefSeq ORF:	1602 bp
Locus ID:	13653
UniProt ID:	<u>P08046</u>
Cytogenetics:	18 18.76 cM
MW:	57 kDa