

Product datasheet for **MR220778A1V**

Mouse Ak8 (NM_001033874) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Ak8 (NM_001033874) AAV Particle
Tag:	Myc-DDK
Symbol:	Ak8
Synonyms:	1190002A17Rik; AK 8
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR220778 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

 ATGGATGCAACCACAGCCCTCATCGCATTCCCCCGAAATGCCTCAGTACGGGGAAGACTACTACATTT
TCGAGATGATGCAGAACATGTTGGAGCAGCTCCTGATCCACCAGCCGGAGGACCCATCAGCTTCATGAT
CACTCACCTGCGCAGGAACAATGATAATGTGCCGAAGGTTGTGATATTAGGTCCGCCTGCCTCAGGGAAA
ACCACCATCGCCATGTGGCTCTGCAAACATCTAAACAGCAACCTCATCACAAGGAGAGCTTACTAGAAA
GAGAGTTTTCCCGTCTGTCTGTGAAGCCAAGAGTTACTACCAGGTTTACAAGAAGATCCCAATTCGAT
TCTTGTCACTCTGTCCAGGAGCGTCTGAATGAAGATGACTGCCTCAGAAAGGGCTGGATCCTGGACGGC
ATCCCTGAGAGGCGGGAGCAGGCTCTGATGATCCAGACCCTGGGGCTGGCGCCAAGCACGTCATTGTGC
TTAATGCTCCAGACACTGTCTGATCGAGAGAAATGTGGGCAAGCGGATCGACCCTGTCACCGGAGAGAT
CTATCACACCACCTTCGACTGGCCCCCTGAGCCTGAAATACAGAACAGGCTGAGACAGCCGGAGGGCATC
TCGGAGATCGAAACGGCGAAGAAGCTGCTGGAGTACCACAGGCACATCATCAGGATTTCTCCTTCTTACC
CAAAAATCCTGAAAACCATCAGCTCAGACCAGCCGTGTGTGGATGTCTTCTACCAGGCTCTGACCTATGT
CCAATCTGGCCATCGATGCAATGCCCATTCACCCCCAAGGTGCTGCTGTGTGGGCCGTTGGGCAGCGGG
AAGAGACTGCAGGCTACCCTTCTGGCCAGAAATATGGCCTTGTAAACATCAGCTGCGGGCAGCTGCTGA
AGGAGGCTGTGGCAGCCAAGTCAAGCTTCGGGGAGCTCATCCAGCCATTTTGTAAAAGAGGATGACAGT
TCCAGACAGTATCATCACAAAGTTCTGGCTGATCGAATGGAGCAACAAGATTGCATCCAGAAAGGGTGG
GTGCTGCACGGCTTCCAAGAGACCTGGACCAGGCCGGATGCTGAATCCATGGGCTACAATCCCAACA
GGGTCTTCTTCTGAGTGTGCCACTGGATTCCATTCTGGAGCGGCTGACGCTGAGAAGGACAGACCCTGT
CACAGGAGAAAGGTTCCACCTCATGTACAAGCCCCCTCCACCATAGAGGTCCAGGTCCGCCTCCTGCAG
AACCCCAAGGATTCAGAGGAGTACATCAAGCTCCAAACGGACCTGTTCTACAGGAATCTGGGGATCTGG
AGCAGTACTACGATCGAGCCATCATTGTCAACGGAGACCAGGCCATACACAGTTTTTGAGTATATAGA
GGGCGGGATCATTAACTCTGCCAGGAAAGTTACC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR220778 protein sequence

Red=Cloning site Green=Tags(s)

 MDATTAPHRIPPEMPQYGEDYYIFEMQNMLEQLLIHQPEDPISFMITHLRNNDNVPKVVILGPPASGK
TTIAMWLCKHLNSNLITKESLLEREF SRLSVEAKSYQVYKKIPNSILVSLVQERLNEDDCLRKGWILDG
IPERREQALMIQTLGLAPKHVIVLNAPDVTLIERNVGKRIDPVTGEIYHTTFDWPPEPEIQNRLRQPEGI
SEIETAKKLLLEYHRHIIIRILPSYPKILKTISSDQPCVDVFYQALTYVQSGHRCNAPFTPKVLLCGPLGSG
KRLQATLLAQKYGLVNISCGQLLKEA VAAKSSFGE LIQPF FEKRMTPVDSIITKVLADRMEQQDCIQKGW
VLHGFPRLDQARMLNSMGYNPNRVFFLSVPLDSILERLTLRRTDPVTGERFHLMYKPPPTIEVQVRLQ
NPKDSEEIYIKLQTDLFYRNSGDLEQYYDRAIIVNGDQDPYTVFEYIEGGIINPLPRKVT

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001033874

ORF Size:

1437 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_001033874.2</u>
RefSeq Size:	1584 bp
RefSeq ORF:	1440 bp
Locus ID:	68870
UniProt ID:	<u>Q32M07</u>
Cytogenetics:	2 A3
MW:	55 kDa