

Product datasheet for **MR208310A1V**

Mouse *Abcd4* (BC050102) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse <i>Abcd4</i> (BC050102) AAV Particle
Tag:	Myc-DDK
Symbol:	<i>Abcd4</i>
Synonyms:	P69r, P70R
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR208310 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACGCTCTTGTGCGTGACCCTCTGGAGCAACTGGTATCTACCAAGTTGGCTTGATCCCCAGTCAGT
 ATTATGGAGTCTTGGGAAACAAAGACCTGGATGGATTTAAGGCACTGACCTTGCTGGCCGTGACACTTAT
 TGTCCTCAACTCCACCCTGAAGAGCTTTGACCAGTTCACCTGCAACCTGCTGTACGTGAGCTGGAGGAAG
 GACCTCACGGAGCACCTGCACCACCTGTACTTCCGGGCCCGCTGTAACACCTCAACGTGCTGCGGG
 ACGACATTGATAATCCGGACCAGCGAATCAGCCAGGATGTGGAGCGATTCTGCCGCCAGCTCAGCAGCGT
 GACCAGCAAGCTGATCATTTCCCTTCACTCTTACCTACTACACTTACCAGTGTTCCAAAGCACAGGC
 TGGCTCGGGCCTGTGAGCATCTTTGGATATTTACCCTGGGGACCATGGTGAACAAAACCTTTGATGGGGC
 CCATCGTGACGAAGCTGGTGCAGCAGGAGAAGCTGGAGGGGGATTTAGGTTCAAGCACATGCAGATTCCG
 AGTGAATGCAGAGCCTGCGGCTTCTATAGAGCTGGGCTCGTCGAGCACATGAGGACAGACCCGAGGCTG
 CAGAGACTCCTTCAGACCCAGAGAGAGCTGATGTCCAGGGAGCTCTGGCTGTACATTGGTATCAACACCT
 TTGACTATCTGGGCAGCATCCTGAGTTATGTCGTCATCGCTATCCCCATTTTCAGTGGGGTCTATGGAGA
 TTTGAGCCCCACAGAGCTTAGCACCCCTGGTCAGCAAGAATGCCTTTGTGTGCATCTACCTCATCAGCTGC
 TTCACCCAGCTCATTGACCTGTCCACCACACTCTCGGATGTTGCCGGTTACACACACAGGATTGGAGAGC
 TTCAGGAGGCCCTGCTGGACATGTCCCGAAAATCAAAAGACTGTGAAGCCCTAGGCGAGAGTGAGTGGGA
 CTTGGACAAAACCCAGGGTGTCCAACAACAGAGCCATCAGACACAGCTTTTCTGCTCGATCGGGTTTCC
 ATATTGGCCCCCTCTCTGACAAGCCCCTGATCAAGGACTTGAGCTTGAAGATCTGTGAGGGGCAGAGTC
 TGCTCATCACAGGCAACACGGGCACTGGCAAGACCTCCCTGCTGCGGGTGTGGGAGGCCCTGTGGGAGGG
 CATGAAAGGCTCAGTGCAGATGCTGGCTGATTTTGGGCCCCACGGGGTCTGTTCTGCCTCAGAAGCCA
 TTCTTCACTGATGGGACACTTCCGGAGCAGGTGATATATCCCCTGAAGGAGATCTACCCTGACTCAGGTT
 CTGCGGACGATGAGAGGATTGTGAGGTTCTTGAATTGGCAGGCCTGTCCAGCTTGGTGGCAAGGACTGG
 AGGTCTGGACCAGCAGGTGGATTGGAAGTGGTATGATGTCCTGTCCCCAGGGGAGATGCAAAGACTCTCC
 TTCGCCGTCTTCTACCTGCAGCCCAAGTATGCAGTTTCACTCCTGGGTTCTGAGACTCCACGGAGGA
 GGAAGCTGGGAGCTGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208310 protein sequence
 Red=Cloning site Green=Tags(s)

MTLLCVTLLEQLVIYQVGLIPSYQYVGLGNKDLDFKALTLAVTLIVLNSTLKSFDQFTCNLLYVSWRK
 DLTEHLHLLYFRARVYYTLNVLRDDIDNPDQRISQDVERFCRQLSSVTSKLIISPFTLYYYTYQCFQSTG
 WLGPVSIIFYFTVGTMVNKTLMGPIVTKLVQEQKLEGFDFRKHMQIRVNAEPAAFYRAGLVEHMRDTRRL
 QRLLQTQRELMRELWLYIGINTFDYLGSIYSYVIAIPIFSGVYGLDLPTELSTLVSKNAFVCIYLIS
 FTQLIDLSTLSDVAGYTHRIGELQEALLDMSRKSQDCEALGESEWDLKTPGCPTEPSTAFLLDRVS
 ILAPSSDKPLIKDLSLKIPEGQSLITGNTGTGKTSLLRVLGGLWEGMKSVMQLADFGPHGVFLPQKP
 FFTDGTLRQVIYPLKEIYPDSGSADDERIVRFELEAGLSSLVARTGGLDQQVDWNWYDVLSPGEMQRLS
 FARLFYLPKYAVSLLGSETPRRRRLGAD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

BC050102

ORF Size:

1557 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>BC050102</u> , <u>AAH50102</u>
RefSeq Size:	2410 bp
RefSeq ORF:	1559 bp
Locus ID:	19300
Cytogenetics:	12 39.3 cM
MW:	58.6 kDa