

Product datasheet for **MR209725A1V**

Mouse *Abcg4* (NM_138955) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse <i>Abcg4</i> (NM_138955) AAV Particle
Tag:	Myc-DDK
Symbol:	<i>Abcg4</i>
Synonyms:	6430517O04Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209725 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

 ATGGCGGAGAAGGCATTGGAGGCCGTGGGCTGTGGACTGGGCCCTGGGGCTGTGGCCATGGCTGTGACAC
TGGAGGACGGGGCAGAGCCCCCTGTGCTGACCACGCACCTAAAGAAGGTGGAGAACCATATCACAGAAGC
ACAGCGCTTCTCTCACCTGCCAAGCGCTCTGCTGTGGACATCGAGTTCGTGGAAGTGTCTATTCCGTG
CGGGAGGGGCCCTGTGGCGCAAACGGGGTTACAAGACCCTCCTCAAGTGCCTGTCTGGTAAGTTCTGTC
GCCGAGAGCTGATTGGCATCATGGGCCCTCTGGGGCTGGCAAGTCCACATTCATGAACATCTTGGCAGG
GTACAGGGAGTCGGGGATGAAGGGCAGATCCTGGTTAACGGGAGGCCGCGGAGCTGAGGACCTCCGC
AAGATGTCCTGTACATCATGCAGGATGACATGCTACTGCCTCACCTCACAGTCTGGAGGCCATGATGG
TCTCTGCCAACCTGAAGCTGAGTGAGAAGCAAGAGGTGAAGAAGGAAGTGGTACAGAGATCCTGACAGC
CCTGGGACTGATGTCCTGCTCTCACACGAGGACAGCTCTGCTCTCTGGAGGGCAGAGGAAGCGCCTGGCC
ATTGCTCTGGAAGTGGTCAACAACCCGCTGTCTGTTCTTTGATGAGCCTACCAAGCGGTCTAGACAGCG
CTTCTTGTTCGAAGTGGTGTCCCTCATGAAGTCCCTGGCCCATGGGGGCCGACCGTCTATCTGACCAT
CCACCAGCCAGTGCCAAAGCTCTTTGAGATGTTTGACAAGCTCTACATCCTGAGCCAGGGGCAATGCATC
TTCAAGGGCGTGGTTACCAACCTGATCCCTATCTGAAGGGGCTGGCTTGCACTGTCCACCTACCACA
ACCCGCTGACTTCATCATTGAGGTGGCCTCTGGAGAGTATGGAGACCTGAACCCCATGCTGTTCAAGGC
TGTGCAGAATGGCCTTGCACCATGGCCGAGAAGAAGAGCAGCCCTGGGAAGAATGAGCTCCCTGCCAC
TGCCCCACTTGCCCTCCGGAGCTGGATCCTATTGAAAGCCACACATTTGCCACCAGCACCTAACCAGT
TCTGCATCCTCTTCAGGAGGACTTTCTGTCCATCCTCAGGACACGGTCTGACCCACTTGCGGTTCTAT
GTCACATGTGTTGATCGGCGTCCCTATTGGCCTCCTCTACCTGCACATTGGCGATGATGCCAGCAAAGTC
TTCAACAACACCGGCTTCTCTTTTCCATGCTCTTCTCATGTTTGCAGCCCTCATGCCGACCGTGC
TCACCTTTCCCTTAGAGATGGCGGTCTTCATGAGGGAGCACTGAACTACTGGTATACTCTAAAGCCTA
TTACTTGGCCAAGACCATGGCTGATGTGCCCTTCCAGGTGGTATGCCAGTGGTGTACTGCAGCATCGTG
TACTGGATGACAGGCCAGCCAGCCGAGACCAGCCGCTTCTGCTCTTCTCAGCCTTGCCCATAGCCACCG
CCTTAGTTGCCAGTCTTTGGGACTCTTGATTGGCGCTGCCTCTACCTCCTTGCAAGTGGCCACTTTTGT
GGGCCCAGTGAAGTCCCTGTCTCTTGTCTCCGGCTTCTCGTCAGTTTCAAGACCATCCCCACT
TACTTGCAATGGAGCTCCTACCTCTCTATGTTAGGTATGGCTTTGAGGGTCTGATCCTGACCATCTATG
GTATGGAGCGAGGACACCTGACCTGCTTAGATGAACAGTGCCCATTCGGGACCCACAAATCATTTTGGC
TGAGCTGGATGTAGAGGAGGCCAACTCTACATGGACTTCTGCTGCTGGGCATTTTCTCTCTGCCCTG
CGGCTGCTGGCATACCTTGTGCTCCGGTACCGGTCAAGTCTGAGAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR209725 protein sequence Red=Cloning site Green=Tags(s) MAEKALEAVGCGLGPGAVAMAVTLEDGAEPVLTTHLKKVENHITEAQRFSHLPKRSADVIEFVELSYSV REGPCWRKRGYKTLKCLSGKFCRRELIGIMGPSGAGKSTFMNLAGYRESGMKGQILVNGRPRELRTFR KMSCYIMQDDMLLPHLTVLEAMMVSANLKLSEKQEVKKELVTEILTALGLMSCSHTRTALLSGGQRKRLA IALELVNPPVMFFDEPTSGLDSACFQVVSLMKSLAHGGRTVICTIHQPSAKLFEMFDKLYILSQGQCI FKGVVTNLIPYLKGLGLHCPTYHNPADFIIIEVASGEYGDLPMLFRAVQNGLCTMAEKKSSPGKNELPAH CPTCPPELDPIESHTFATSTLTQFCILFRRTFLSILRDTVLTHLRFMSHVLIGVLIGLLYLHIGDDASKV FNNTGFLFFSMLFLMFAALMPTVLTFFLEMAVFMREHLNYWYTLKAYYLAKTMAVDPFQVVPVYCSIV YWMTGQPAETSRFLLFSALAIATALVAQSLGLLIGAASSTLQVATFVGVPVTAIPVLLFSGFFVSFKTIPT YLQWSSYLSYVRYGFEGLILTIYGMERGHLTCLDEQCPFRDPQIILRELDVEEAKLYMDFLVLGIFFLAL RLLAYLVLRVVKSER TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_138955
ORF Size:	1938 bp
Buffer:	PBS with 0.001% Pluronic F827
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_138955.2</u>
RefSeq Size:	3626 bp
RefSeq ORF:	1941 bp
Locus ID:	192663
Cytogenetics:	9 A5.2
MW:	72.1 kDa