

Product datasheet for **MR209819A1V**

Mouse *Abcg2* (NM_011920) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse <i>Abcg2</i> (NM_011920) AAV Particle
Tag:	Myc-DDK
Symbol:	<i>Abcg2</i>
Synonyms:	ABC15; ABCP; AI428558; BCRP; Bcrp1; MXR; MXR1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209819 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTTCCAGTAATGACCACGTGTTAGTACCAATGTCGCAGAGAAACAACAACGGCCTTCCTAGGACGA
 ACTCCAGAGCCGTTAGGACGCTCGCAGAAGGAGATGTGTTGAGTTTTATCACATCACCTATCGAGTGAA
 AGTAAAGAGTGGGTTTCTAGTCCGGAACAGTTGAGAAAGAAATACTATCAGATATCAATGGGATCATG
 AAACCTGGCCTTAATGCTATTCTGGGACCCACAGGCGGAGGCAAGTCTTCGTTGCTAGATGTCTTAGCAG
 CAAGGAAAGATCCAAAGGGATTATCTGGAGATGTTTTGATAAATGGAGCACCTCAACCTGCCACTTCAA
 ATGCTGTTGAGTTATGTGGTTCAAGATGACGTTGTGATGGGCACCTGACAGTGAGAGAAAACCTACAG
 TTCTCAGCAGCTCTTCGACTTCCAACAATATGAAGAATCATGAAAAAATGAACGGATTAACACAATCA
 TTAAAGAGTTAGGTCTGGAAAAAGTAGCAGATTCTAAGGTCGGAACCTCAGTTTATCCGTGGCATCTCTGG
 AGGAGAAAGAAAAGGACAAGCATAGGGATGGAGCTGATCACTGACCCTCCATCCTCTCTCTGGATGAG
 CCCACGACTGGTTGGACTCAAGCACAGCGAATGCTGTCTTTTGTCTCTGAAAAGGATGTCTAAACAGG
 GTCGAACAATCATCTTCTCCATTCATCAGCCTCGGTATTCCATCTTTAAGCTGTTTGACAGCCTCACCTT
 ACTGGCTTCGGGAAACTCGTGTTCCATGGGCCAGCACAGAAGGCCTTGAGTACTTTGCATCAGCAGGT
 TACCACTGTGAGCCCTACAACAACCTGCGGATTTTTCTTGATGTCATCAATGGAGATTCTTCTGCTG
 TGATGTTAAATAGAGAGGAACAAGACAATGAAGCAAACAAGACTGAAGAGCCTTCCAAGGAGAGAAGCC
 AGTAATAGAAAATTTATCTGAGTTTTATCAACTCTGCCATCTATGGAGAAACAAAAGCTGAATTAGAT
 CAACTTCCAGGAGCTCAGGAAAAGAAAGAACATCGGCCTTCAAAGAGCCAGTCTATGTTACCTCTTCT
 GTCACCAGCTCCGATGGATTGCCAGGCGCTCATTTAAAACTTGCTCGGGAACCTCAAGCTTCTGTTGC
 TCAGTTAATTGTTACAGTCATACTGGGGCTTATTATTGGTGCCATTTACTTTGATCTGAAATATGATGCC
 GCTGGAATGCAAAATAGAGCTGGAGTTTTGTTTTCTGACTACCAACCAGTGTTTTTCCAGTGTGTCAG
 CTGTGGAGCTGTTGCTAGTGGAGAAGAACTCTTCATACATGAGTACATCAGTGGATATTACAGAGTGTC
 TTCTTACTTCTTTGGAAGGTGATGTCTGATTTACTCCCATGAGGTTCTTGCCAAGTGTTATATCACT
 TGTGTATTATACTTCATGTTAGGACTGAAGAAGACGGTGGATGCTTTTTTCATCATGATGTTACCTTA
 TAATGGTGGCTTATACGGCCAGTTCATGGCACTGGCCATAGCCACAGGCCAAAGTGTTGTCTGTAGC
 AACACTTCTCATGACAATCGCTTTTGTATTTATGATGCTTTTTCTGGCCTCTTGGTGAATCTCAGAACC
 ATTGGGCTTGGCTGTCTGGCTTCAGTACTTTAGCATTCTCGATATGGCTTCACAGCTTTCAGTATA
 ATGAATCTTGGGACAAGAGTTTTGTCCAGGATTCAATGTAACGACAACAGCACTTGTGTTAACAGCTA
 TGCAATATGACTGGTAACGAGTACTTGATAAATCAGGGCATCGAACTGTACCTTGGGGACTGTGGAAG
 AATCATGTGGCCCTGGCTTGATGATTATTATCTTCTCACAATTGCCTACCTGAAATTGTTGTTTCTTA
 AAAAGTATTCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR209819 protein sequence Red=Cloning site Green=Tags(s) MSSSNDHVLVPMSQRNNNGLPRTNSRAVRTLAEGDVL SFHHITYRVKVKSGFLVRKTVEKEILSDINGIM KPGLNAILGPTGGGKSSLLDVLAAARKDPKGLSGDVLINGAPQPAHFKCCSGYVVQDDVVMGTLTVRENLQ FSAALRLPTTMKNHEKNERINTIIKELGLEKVADSKVGTQFIRGISGGERKRTSIGMELITDPSILFLDE PTTGLDSSSTANAVLLLLKRMKQGRITIIFSIHQPRYSIFKLFDSLTLASGKLVFHGPAQKALEYFASAG YHCEPYNNPADFFLDVINGDSSAVMLNREEQDNEANKTEEPSKGEKPVIENTLSEFYINSAIYGETKAELD QLPGAQEKKGTSAPKEPVYVTSFCHQLRWIARRSFKNLLGNPQASVAQLIVTVILGLIIGAIYFDLKYDA AGMQNRAGVLFFLTNNQCFSSVSAVELFVVEKKLFIHEYISGYRVSSYFFGKVMSDLPMRFLPSVIFT CVLYFMLGLKKTVD AFFIMFTLIMVAYTASSMALAIATGQSVSVATLLMTIAFVFMMLFSGLLVNLRT IGPWLSWLQYFSIPRYGFTALQYNEFLGQEFCPGFNVTDNSTCVNSYAICTGNEYLINQGIELSPWGLWK NHVALACMIIIFLTIAYLKLLFLKKYS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_011920
ORF Size:	1971 bp
Buffer:	PBS with 0.001% Pluronic F920
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_011920.3, NP_036050.1</u>
RefSeq Size:	2493 bp
RefSeq ORF:	1974 bp
Locus ID:	26357
UniProt ID:	<u>Q7TMS5</u>
Cytogenetics:	6 27.82 cM
MW:	73 kDa