

## Product datasheet for **MR207534A1V**

### Mouse Ighg2a (BC018535) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Ighg2a (BC018535) AAV Particle
Tag:	Myc-DDK
Symbol:	Ighg2a
Synonyms:	MGC18977
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR207534 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGATGGAGCTGGATCTTTCTCTTCTCCTGTGAGGAACTGCAGGTGTCTCTGAGGTCCAGCTGC  
 AACAGTCTGGACCTGAGTTGGTGAAGACTGGGGCTTCAGTGAAGATGTCCTGCAAGGCTTCTGGATACAC  
 ATTCAGTGACTACTACATGCACTGGGTGAAGCAGAGCCATGAAAGAGCCTTGAGTGGATTGGATATATT  
 TATCTAAACAATGGTGGTAATGGCTACAACCAGAAGTTCAAGGGCAAGGCCACATTGACTGTAGACAAGT  
 CCTCCAGCACAGCCTACATGGAGCTCCGCAGCCTGACATCTGAGGACTCTGCAGTCTATTACTGTGCAAG  
 AGGATATAAAGTTACTATAGTTACGATCACTACTTTGACTACTGGGGCAAGGCCACTATCACAGTC  
 TCCTCAGCCAAAACAACAGCCCCATCGGTCTATCCACTGGCCCTGTGTGGAGATACTGCTCCT  
 CGGTGACTCTAGGATGCCTGGTCAAGGGTTATTCCTGAGCCAGTGACCTTGACCTGGAAGTCTGGATC  
 CCTGTCCAGTGGTGTGCACACCTCCCAGCTGTCTGAGTCTGACCTCTACACCCTCAGCAGCTCAGTG  
 ACTGTAACCTCGAGCACCTGGCCAGCCAGTCCATCACCTGCAATGTGGCCACCCGGCAAGCAGCACCA  
 AGGTGGACAAGAAAATTGAGCCAGAGGGCCACAATCAAGCCCTGTCTCCATGCAAAATGCCAGCACC  
 TAACCTCTGGGTGGACCATCCGTCTTCATCTTCCCTCAAAGATCAAGGATGACTCATGATCTCCCTG  
 AGCCCCATGGTACATGTGTGGTGGTGGATGTGAGCGAGGATGACCCAGATGTCAGATCAGCTGGTTCC  
 TGAACAACGTGGAAGTACTCACAGCTCAGACACAAACCCATAGAGAGGATTACAACAGTACTCTCCGGT  
 GGTGAGTCCCTCCCATCCAGCACCAGGACTGGATGAGTGGCAAGGAGTTCAAATGCAAGGTCAACAAC  
 AAAGCCCTCCAGCGCCATCGAGAGAACCATCTAAAACCCAAAGGGTCAGTAAGAGCTCCACAGGTAT  
 ATGCTTGCCTCACCAGAAGAAGAGATGACTAAGAAACAGGTCACTCTGACCTGCATGGTCCACAGACT  
 CATGCCTGAAGACATTTACGTGGAGTGGACCAACAACGGGAAAACAGAGCTAAACTACAAGAACACTGAA  
 CCAGTCTGGACTCTGATGGTTCTTACTTCATGTACAGCAAGCTGAGAGTGGAAAAGAAGAACTGGTGG  
 AAAGAAATAGCTACTCTGCTCAGTGGTCCACGAGGGTCTGCACAATCACACACGACTAAGAGCTTCTC  
 CCGGACTCCGGTAAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR207534 protein sequence  
 Red=Cloning site Green=Tags(s)

MGWSWIFLFLLSGTAGVLSEVQLQQSGPELVKTGASVKMSCKASGYTFSDYYMHVWKQSHGKSLEWIGYI  
 YPNNGGNGYNQKFKGKATLTVDKSSSTAYMELRSLTSEDSAVYYCARGYISYYSYDHYFDYWQGTITIV  
 SSAKTTAPSVYPLAPVCGDTTGSSVTLGCLVKGYFPEPVTLTWNSGSLSSGVHTFPAVLQSDLYLSSSV  
 TVTSSTWPSQSITCNVAHPASSTKVDKIEPRGPTIKPCPPCKCPAPNLLGGPSVFIAPPKIKDVLMSL  
 SPMVTCVVVDVSEDDPDVQISWFVNNVEVLTAQTQTHREDYNSTLRVVSALPIQHQQDWMGKEFKCKVNN  
 KALPAPIERTISKPKGSVRAPQVYVLPPEEEMTKQVTLTCMVTDFMPEDIYVEWTNNGKTELNYKNT  
 PVLDSGDSYFMYSKLRVEKKNWVERNSYSCSVVHEGLHNHHTTKFSRTPGK

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

BC018535

**ORF Size:**

1416 bp

**Buffer:**

PBS with 0.001% Pluronic F68

<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">BC018535</a></u>
<b>RefSeq Size:</b>	1593 bp
<b>RefSeq ORF:</b>	1418 bp
<b>Locus ID:</b>	380793
<b>Cytogenetics:</b>	12 F2   12
<b>MW:</b>	52.3 kDa