

## Product datasheet for **MR203727A1V**

### Mouse B3gat1 (BC023052) AAV Particle

#### Product data:

|                |                            |
|----------------|----------------------------|
| Product Type:  | AAV Particles              |
| Tag:           | Myc-DDK                    |
| Symbol:        | B3gat1                     |
| Synonyms:      | GlcAT-P, HNK-1             |
| Mammalian Cell | None                       |
| Selection:     |                            |
| Vector:        | pAAV-AC-Myc-DDK (PS100089) |

**ORF Nucleotide Sequence:** >MR203727 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGTCCGACCGTGACATCGTGAAGTGGTGCACAGAGTACGTGTACACGAGGCCGCCACCCTGGTCCG  
ACACGCTGCCACCATCCATGTGGTGACGCCACCTACAGTAGACCGGTGCAGAAGGCAGAGCTGACGCG  
AATGGCCAACACTACTGCATGTGCCAACCTTCACTGGCTAGTGGTGGAGGATGCTCCACGCAGGACG  
CCCCTACCGCGCGCTTGCTGCGCGACACTGGCCTCAACTACACACACCTGCACGTAGAGACACCACGCA  
ACTATAAGCTGCGAGGTGATGCCCAGACCCTCGCATCCCACGTGGCACCATGCAGCGCAACCTGGCACT  
GCGCTGGCTGCGGAGACCTTCCACGGAACCTACTCAGCCAGGCGTAGTGTACTTCGCGGATGATGAC  
AACACGTACAGTCTGGAGCTCTTTGAAGAGATGCGCAGCACAAGAAGGGTGTCCGTGTGGCCTGTGGCCT  
TTGTTGGTGGCCTTCGGTATGAGGCCCCACGGGTGAATGGGGCAGGAAAGTGGTTGGCTGGAAGACAGT  
CTTCGACCCCCACCGCCCTTTGCAATAGACATGGCTGGATTTGCTGTCAACCTCCGGCTCATCTTGCAG  
CGAAGTCAAGCCTACTTTAAGCTACGTGGTGTGAAGGGAGGCTACCAGGAAAGCAGTCTCCTTCGAGAAC  
TTGTCAACCCTCAATGACCTGGAGCCCAAGGCAGCAAACTGTACCAAGATCTTGGTCTGGCATACACGAAC  
AGAGAAGCCAGTGTCTGCTCAATGAGGGGAAGAAGGGCTTCACCGACCCCTCAGTGGAGATC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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| <b>Protein Sequence:</b> | <p>&gt;MR203727 protein sequence<br/> <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MSDRDIVEVVRTEYVYTRPPWSDTLPTIHVVTPYSRPVQKAELTRMANTLLHVPNLHWLVVEDAPRRT<br/> PLTARLLRDTGLNYTHLHVETPRNYKLRGDARDPRIPRGTMQRNLALRWLRETFPRNSTQPGVVVFADDD<br/> NTYSLELFEEMRSTRVSVWPVAFVGGRLYEAPRVNGAGKVVGWKTVPDHRPFAIDMAGFAVNLRLILQ<br/> RSQAYFKLRGVKGGYQESSLLRELVTNDLEPKAANCTKILVWHTRTEKPVLVNEGKKGFTDPSVEI</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span></p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>ACCN:</b>             | BC023052                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ORF Size:</b>         | 831 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Buffer:</b>           | 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>           | <a href="#">BC023052</a> , <a href="#">AAH23052</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>RefSeq Size:</b>      | 1709 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq ORF:</b>       | 833 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Locus ID:</b>         | 76898                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Cytogenetics:</b>     | 9 A4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>MW:</b>               | 31.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |