

Product datasheet for **MR220050A1V**

Mouse Gbp2 (NM_010260) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Gbp2 (NM_010260) AAV Particle
Tag:	Myc-DDK
Symbol:	Gbp2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR220050 representing NM_010260
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTCAGAGATCCACATGTGGAACCCATGTGCCTCATTGAGAACACTGAGGCTCAACTAGTGATCA
 ACCAGGAGGCTCTGAGGATCCTGTCTGCCATTACACAGCCTGTGGTGGTGGCAATCGTGGGCCTCTA
 CCGCACAGGCAAATCCTACCTGATGAACAAGCTAGCTGGGAAGAGGACAGGCTTTTCCCTGGGCTCCACT
 GTGCAGTCTCACACCAAGGGCATCTGGATGTGGTGTGCTCACCACAAGGAGGAGGCAACCCCTGG
 TTCTGCTTGACACTGAGGGCCTTGAAGATGTTGAGAAGGGTGACAACCAGAATGACTGCTGGATCTTTGC
 TTTGGCAGTCTCCTCAGCAGCACCTTCATCTACAACAGCATAGGAACCATCAACCAGCAGGCCATGGAC
 CAGCTGCACTATGTGACGGAGCTAACTGATCTTATCAAGTCAAAGTCATCACCTGACCAGAGTGGGTAG
 ACGATTCCGCTAACTTTGTGGGCTTCTTCCAACCTTTGTGTGGACTCTGAGAGATTTCTCCCTCGAGCT
 GGAGGTTAACGAAAACCCGTCATTCTGATGAGTACCTGGAACATTCCCTGACCCTGAAAAAGGAGCT
 GATAAGAAAACTAAAAGCTTTAATGAGCCGCGACTGTGCATCAGGAAATCTTTCCAAAGAGGAAGTGCT
 TCATCTTTGACAGGCCTGCTCAGAGGAAGCAACTAGCAAACCTGGAGACTCTGCGGGAGGAGGAGCTGTG
 TGGTGAATTTGTAGAACAAGTTGCAGAATTCACCTCATACATCTTGAGCTACTCTTCTGTCAAGACTCTG
 TGTGGTGGCATCATAGTCAATGGGCCACGTCTAAAGAGCCTGGTGCAGACCTATGTTGGTGCCATCAGCA
 ATGGGTCTCTCCCTGCATGGAGAGTGTGTGCTGACTTTGGCCAGATAGAGAACTCAGCAGCAGTGCA
 AAAGGCCATCACCCACTATGAAGAACAGATGAATCAGAAGATTCAGATGCCACAGAAACCCCTCCAGGAG
 CTCCTGGATCTGCACAGGCCAATTGAGAGTGAGGCCATTGAGGTCTTCTGAAGAATCTTTCAAGGATG
 TAGACCAAAAGTTCCAGACAGAATTAGGGAACCTGCTGGTAGCCAAGCGAGATGCCTTTATCAAGAAGAA
 CATGGATGTCTCATCAGCTCGTTGCTCAGACTTGCTGGAGGATATTTTTGGACCCCTGGAAGAAGAAGTA
 AAATTAGGACATTTTCTAAACAGGAGTTACTACCTCTTCTCAAATGAGACAAGAGCTAGAGAAAA
 AGTATAACAGGCTCCTGGGAAGGGGCTCCAGGCAGAAGCGATGCTGAAAACTACTTTGATTCCAAGGC
 AGATGTTGTTGAACACTTCTACAGACGGATCAGTCACTCACAGAGGCAGCAAGGAGGTAGAAGAGGAA
 CGTACGAAGGCTGAAGCTGCTGAAGCTGCAAACAGAGAGTTAGAAAAGAAGCAGAAGGAGTTCGAGCTGA
 TGATGCAGCAGAAGGAAAAGAGTTACCAGGAGCATGTGAAGAAGCTGACTGAGAAGATGAAGACGAACA
 GAAACAGTTATTAGCAGAACAGGAAAACATCATAGCTGCTAACTTCGGGAACAGGAAAAATTTCTTAAG
 GAAGGATTCGAGAATGAGAGCAAAAACTTATTCGAGAGATTGATACCCTGAAGCAAAACAAATCGTCTG
 GGAAGTGCACTATACTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MASEIHMSEPMLIENTEAQLVINQEALRILSAITQPVVVVAIVGLYRTGKSYLMNKLAKRTGFSLGST
 VQSHTKGIWMWCVPHPKKAGQTLVLLDTEGLEDEKGDNDQNCWIFALAVLLSSTFIYNSIGTINQAMQ
 QLHYVTELTDLIKSSPDQSGVDDSANFVGFFPTFVWTLRDFSLELEVNGKPVTSDEYLEHSLTLKKG
 DKKTGSFNEPRLCIRKFFPKRKFIFDRPAQRQLSKLETREEELCGEFVEQVAEFTSYILSYSSVKTL
 CGGIIVNGPRLKSLVQTYVGAISNGSLPCMESAVLTLAQIENSAAVQKAITHYEEQMNQKIQMPTETLQE
 LLDLHRPIESEAEVFLKNSFKDQVQFQTELGNNLVAKRDAFIKKNDVSSARCSDLLEDIFGPLEEEV
 KLGTFSKPGGYLFLQMRQELEKKYNQAPGKGLQAEAMLKNYFDSKADVETLLQTDQSLTEAAKEVEEE
 RTKAEAAEAANRELEKKQKEFELMMQKESYQEHVKKLTEKMKDEQQLLAEQENIIAAKLREQEFLK
 EGFENESKKLIREIDTLKQNKSSGKCTIL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_010260
ORF Size:	1767 bp
Buffer:	PBS with 0.001% Pluronic F3057
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_010260.1, NP_034390.1</u>
RefSeq Size:	2471 bp
RefSeq ORF:	1770 bp
Locus ID:	14469
UniProt ID:	<u>Q9Z0E6</u>
Cytogenetics:	3 66.69 cM
MW:	66.7 kDa