

Product datasheet for **RC201236A1V**

Human GBP1 (NM_002053) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GBP1 (NM_002053) AAV Particle
Tag:	Myc-DDK
Symbol:	GBP1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC201236 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

 ATGGCATCAGAGATCCACATGACAGGCCCAATGTGCCTCATTGAGAACACTAATGGGCGACTGATGGCGA
ATCCAGAAGCTCTGAAGATCCTTCTGCCATTACACAGCCTATGGTGGTGGCAATTGTGGGCCTCTA
CCGCACAGGCAATCCTACCTGATGAACAAGCTGGCTGAAAGAAAAAGGGCTTCTCTCTGGGCTCCACG
GTGCAGTCTCACACTAAAGGAATCTGGATGTGGTGTGTGCCCCACCCCAAGAAGCCAGGCCACATCCTAG
TTCTGTGGACACCGAGGGTCTGGGAGATGTAGAGAAGGGTGACAACCAGAATGACTCCTGGATCTTCGC
CCTGGCCGTCTCTGAGCAGCACCTTCGTGTACAATAGCATAGGAACCATCAACCAGCAGGCTATGGAC
CAACTGTACTATGTGACAGAGCTGACACATAGAATCCGATCAAAATCCTCACCTGATGAGAATGAGAATG
AGGTTGAGGATTCAGCTGACTTTGTGAGCTTCTCCAGACTTTGTGTGGACACTGAGAGATTTCTCCCT
GGACTTGGAAGCAGATGGACAACCCCTCACACCAGATGAGTACCTGACATACTCCCTGAAGCTGAAGAAA
GGTACCAGTCAAAAAGATGAAACTTTTAACTGCCAGACTCTGTATCCGAAATTTCTCCAAAGAAAA
AATGCTTTGTCTTTGATCGGCCCGTTACCCGCAGGAAGCTTGCCAGCTCGAGAACTACAAGATGAAGA
GCTGGACCCCGAATTTGTGCAACAAGTAGCAGACTTCTGTTCTACATCTTTAGTAATTCAAAACTAA
ACTCTTTCAGGAGGCATCCAGGTCAACGGGCCTCGTCTAGAGAGCCTGGTGTGACCTACGTCAATGCCA
TCAGCAGTGGGGATCTGCCGTGCATGGAGAACGCAGTCTGGCCTTGCCCGAGATAGAGAACTCAGCTGC
AGTGCAAAAGGCTATTGCCACTATGAACAGCAGATGGGCCAGAAGGTGCAGCTGCCACAGAAAGCCTC
CAGGAGCTGCTGGACCTGCACAGGGACAGTGAGAGAGAGGCCATTGAAGTCTTCATCAGGAGTTCTCTCA
AAGATGTGGACCATCTATTTCAAAGGAGTTAGCGGCCAGCTAGAAAAAGCGGGATGACTTTTGTAA
ACAGAATCAGGAAGCATCATCAGATCGTTGCTCAGGTTTACTTCAGGTCAATTTTCAGTCCTCTAGAAGAA
GAAGTGAAGCGGGAATTTATTCGAAACCAGGGGCTATCGTCTCTTTGTTGAGAAGCTACAAGCCTGA
AGAAAAAGTACTATGAGGAACCGAGGAAGGGGATACAGGCTGAAGAGATTCTGCAGACATACTTGAAATC
CAAGGAGTCTATGACTGATGCAATTCTCCAGACAGACCAGACTCTCACAGAAAAAGAAAGGAGATTGAA
GTGGAACGTGTGAAAGCTGAGTCTGCACAGGCTTCAGCAAAATGTTGCAGGAAATGCAAGAAAGAAATG
AGCAGATGATGGAACAGAAGGAGAGGAGTTATCAGGAACACTTGAAACAAGTACTGAGAAGATGGAGAA
CGACAGGGTCCAGTTGCTGAAAGAGCAAGAGAGGACCCTCGCTCTTAACTTCAGGAACAGGAGCAACTA
CTAAAAGAGGGATTTCAAAGAAAGCAGAATAATGAAAAATGAGATACAGGATCTCCAGACGAAATGA
GACGACGAAAGGCATGTACCATAAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201236 protein sequence

Red=Cloning site Green=Tags(s)

 MASEIHMTGPMCLIENTNGRLMANPEALKILSAITQPMVVVAIVGLYRTGKSYLMNKLAKKKKGFSLGST
VQSHTKGIWMWCVPHPKPGHILVLLDTEGLGDVEKGDNDQNSWIFALAVLLSSTFVYNSIGTINQAMD
QLYYVTELTTHIRSKSSPDENENEVEDSADFVSFFPDFVWTLRDFSLDLEADGQPLTPDEYLTYSLLKK
GTSQKDETFNLPRLCIRKFFPKKCFVDRPVHRRKLAQLEKLQDELDPEFVQVADFCSYIFSNSKTK
TLSGGIQVNGPRLESLVLTYNVAISSGDLPCMENAVLALAQIENSAAVQKAIHAYEQMQGKVLPTESL
QELLDLHRDSEREAIEVFIRSSFKDVDHLFQKELAAQLEKKRDDFCQKQNEASSDRCSGLLQVIFSPLEE
EVKAGIYSKPGGYRLFVQKLQDLKKKYEEPRKGIQAEIILQTYLKSKESTDAILQTDQTLTEKEKEIE
VERVKAESAQASAKMLQEMQRKNEQMQKERSYQEHKQLTEKMENDRVQLLKEQERTLALKLQEQEQL
LKEGFQKESRIMKNEIQDLQTKMRRRKACTIS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_002053
ORF Size:	1776 bp
Buffer:	PBS with 0.001% Pluronic F5173
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_002053.1, NP_002044.1</u>
RefSeq Size:	3050 bp
RefSeq ORF:	1779 bp
Locus ID:	2633
UniProt ID:	<u>P32455</u>
Cytogenetics:	1p22.2
MW:	67.9 kDa