

Product datasheet for **RC209769A1V**

Human GBP4 (NM_052941) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GBP4 (NM_052941) AAV Particle
Tag:	Myc-DDK
Symbol:	GBP4
Synonyms:	Mpa2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209769 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGGTGAGAGAACTCTTCACGCTGCAGTGCCACACCAAGTTATCCAGAATCTGAATCCATCATGATGG
CCCCATTTGTCTAGTGGAAAACAGGAAGAGCAGCTGACAGTGAATTCAAAGGCATTAGAGATTCTTGA
CAAGATTTCTCAGCCCGTGGTGGTGGTGGCCATTGTAGGGCTATACCGCACAGGAAAATCCTATCTCATG
AATCGTCTTGACAGAAAGCGCAATGGCTTCCCTCTGGGCTCCACGGTGCAGTCTGAAACTAAGGGCATCT
GGATGTGGTGTGTGCCCCACCTCTTAAGCCAAACCACACCTGGTCTTCTGGACACCGAGGGCCTGGG
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CAGCAGATGGCCAGCAACTGAGGCTCCCCACAGACACGCTCCAGGAGCTGCTGGACGTGCATGCAGCCT
GTGAGAGGGAAGCCATTGCAGTCTTCATGGAGCACTCCTTCAAGGATGAAAACCATGAATTCAGAAGAA
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TGCCAGGCTGAGCTTAAGCGGCTTTAGAGCACCTGACAGAAAGCATTGTGAGAGGAATTTCTCTGTTC
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CAGTCAGACAAAGCCCTCACTGCTGGAGAGAAGTCCATAGCAGCGGAGCGGGCCATGAAGGAAGCAGCTG
AGAAGGAACAGGAGCTGCTAAGAGAAAAACAGAAGGAGCAGCAGCAATGATGGAGGCTCAAGAGAGAAG
CTTCAGGAATACATGGCCAAATGGAGAAGAAGTTGGAGGAGGAAAGGAAAAACCTTCTCAGAGAGCAT
GAAAGGCTGCTAAACACAAGCTGAAGGTACAAGAAGAAATGCTTAAGGAAGAATTTCAAAAGAAATCTG
AGCAGTTAAATAAGAGATTAATCAACTGAAAGAAAAAATTGAAAGCACTAAAAATGAACAGTTAAGGCT
CTTAAAGATCCTTGACATGGCTAGCAACATAATGATTGTCACTCTACCTGGGCTTCAAGCTACTTGGA
GTAGGGACAAAATATCTTGGCTCACGTATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC209769 protein sequence Red=Cloning site Green=Tags(s) MGERTLHAAVPTPGYPESESIMMAPICLVENQEEQLTVNSKALEILDKISQPVVVVAIVGLYRTGKSYLM NRLAGKRNGFPLGSTVQSETKGIWMWCVPHLSKPNHTLVLLDTEGLGDVEKSNPKNDWIFALAVLLSSS FVYNSVSTINHQAELHLYVTELAELIRAKSCPRPDEAEDSSEFASFFPDFIWTVRDFTLELKLGNPIT EDEYLENALKLIPGKNPKIQNSNMPRECIRHFFRKRKCFVDRPTNDKQYLNHMDEVPEENLERHFLMQS DNFCSYIFTHAKTKTLRKGIIVTGKRLGTLVVTYVDAINSGAVPCLENVATALAQLNPAAVQRAADHYS QQMAQQRLRLPTDTLQELLDVHAACEREIAVFMESFKDENHEFQKKLVDTIEKKKGDFVLQNEEASAKY CQAEKRLSEHLTESILRGIFSVPGGHNLYLEEKQVEWDYKLVPRKGVKANEVLQNFLQSQVVVEESIL QSDKALTAGEKSIAAERAMKEAAEKEQELLREKQKEQQMMEAQERSFQEYMAQMEKKLEERENLLREH ERLLKHKLVQEEMLKEEFQKKSEQLNKEINQLKEKIESTKNEQLRLLKILDMASNIMIVTLPGASKLLG VGTKYLGSR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_052941
ORF Size:	1920 bp
Buffer:	PBS with 0.001% Pluronic F6497
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:	NM_052941.2
RefSeq Size:	6160 bp
RefSeq ORF:	1923 bp
Locus ID:	115361
UniProt ID:	Q96PP9
Cytogenetics:	1p22.2
MW:	73.2 kDa