

Product datasheet for **RC210616A1V**

Human G3BP (G3BP1) (NM_198395) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human G3BP (G3BP1) (NM_198395) AAV Particle
Tag:	Myc-DDK
Symbol:	G3BP
Synonyms:	G3BP; HDH-VIII
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC210616 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGTATGGAGAAGCCTAGTCCCTGCTGGTCGGGCGGAATTTGTGAGACAGTATTACACACTGCTGA
 ACCAGGCCCCAGACATGCTGCATAGATTTTATGAAAGAACTCTTCTTATGTCCATGGGGATTGGATT
 AAATGGAAGCCAGCAGATGCAGTCTACGGACAGAAAGAAATCCACAGGAAAGTGATGTCAAAAATTC
 ACCAACTGCCACCAAGATTGCCATGTTGATGCTCATGCCACGCTAAATGATGGTGTGGTAGTCCAGG
 TGATGGGGCTTCTCTCTAACAACAACCAGGCTTTGAGGAGATTGATGCAACGTTTGTCTTGTCTCTGA
 GGGGTCTGTTGCAATAAATTCTATGTTACAATGATATCTTCAGATACCAAGATGAGGTCTTTGGTGGG
 TTTGTCACTGAGCCTCAGGAGGAGTCTGAAGAAGAAGTAGAGGAACCTGAAGAAAGACAGCAACACCTG
 AGGTGGTACCTGATGATTCTGGAATTTCTATGATCAGGCAGTTGTGAGTAATGACATGGAAGAATTT
 AGAGGAGCCTGTTGCTGAACCAGAGCCTGATCCTGAACCAGAACAGAACCTGTATCTGAAATC
 CAAGAGGAAAAGCCTGAGCCAGTATTAGAAGAACTGCCCTGAGGATGCTCAGAAGAGTTCTTCTCCAG
 CACCTGCAGACATAGCTCAGACAGTACAGGAAGACTTGAGGACATTTTCTTGGGCATCTGTGACCAGTAA
 GAATCTTCCACCCAGTGGAGCTGTTCCAGTTACTGGGATACCACCTCATGTTGTTAAAGTACCAGCTTCA
 CAGCCCCGTCCAGAGTCTAAGCCTGAATCTCAGATTCACCACAAAGACCTCAGCGGGATCAAAGAGTGC
 GAGAACAACGAATAAATATTCTCCCAAGGGGACCCAGACCAATCCGTGAGGCTGGTGAAGAGTGA
 CATTGAACCCGAAGAATGGTGAGACACCCTGACAGTCACCAACTCTTCATTGGCAACCTGCCTCATGAA
 GTGGACAAATCAGAGCTTAAAGATTTCTTCAAAGTTATGAAACGTGGTGGAGTTGCGCATTAAACAGTG
 GTGGGAAATTACCAATTTTGGTTTTGTTGTTGGATGATTCTGAGCCTGTTGAGAAAGTCTTAGCAA
 CAGGCCCATCATGTTTCAGAGGTGAGGTCCGTCTGAATGTCGAAGAGAAGAAGACTCGAGCTGCCAGGGAA
 GGCGACCGACGAGATAATCGCCTTCGGGGACCTGGAGGCCCTCGAGGTGGGTGGTGGTGAATGAGAG
 GCCCTCCCGTGGAGGCATGGTGCAGAAACCAGGATTTGGAGTGGGAAGGGGGCTTGCGCCACGGCAG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210616 protein sequence
 Red=Cloning site Green=Tags(s)

MYMEKPSLLVGREFVRQYYTLLNQAPDMLHRFYGKNSSVYHGGGLDSNGKPADAVYQKEIHRKVMSQNF
 TNCHTKIRHVDHATLNDGVVVQVMGLLSNNQALRRFMQTFVLAPEGSVANKFYVHNDIFRYQDEVFGG
 FVTEPQEESEEEVEEPEERQQTPEVVPDDSGTFYDQAVVSNDMEEHLEEPVAEPEPDPEPEPEQEPVSEI
 QEEKPEPVLEETAPEDAQKSSSPAPADIAQTVQEDLRTFSWASVTSKNLPPSGAVPVTGIPPHVVKVPAS
 QPRPESKPESQIPPQRPQRDQVRQRIINIPPQRGPRPIREAGEQGDIEPRRMVRHPDSHQLFIGNLPHE
 VDKSELKDFQSYGNVVELRINSGGKLPNFGFVVLDDSEPVQKVL SNRPIMFRGEVRLNVEEKKTRAARE
 GDRRDNRRLRPGGPRGGLGGMRGPPRGGMVQKPGFGVGRGLAPRQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_198395

ORF Size:

1398 bp

Buffer:

PBS with 0.001% Pluronic F68

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_198395.1, NP_938405.1</u>
RefSeq Size:	2824 bp
RefSeq ORF:	1401 bp
Locus ID:	10146
UniProt ID:	<u>Q13283</u>
Cytogenetics:	5q33.1
MW:	52.1 kDa