

Product datasheet for **MR230139A1V**

Mouse G3bp2 (NM_001080797) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	G3bp2
Synonyms:	AA409541; E430034L04Rik; G3BP; mKIAA0660
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR230139 representing NM_001080797
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGTTATGGAGAAGCCAGTCCGCTGCTTGTGGGCGGGAGTTTGTGAGGCAATATTATACTTTGCTGA
 ATAAAGCTCCCGAGTATTTGCACAGGTTCTATGGCAGGAATTCCTCCTATGTTTCATGGTGGAGTGGATGC
 CAGTGGAAAGCCCGAGGAAGCAGTTTATGGCCAAAATGATATACCCACAAAGTGTATCTCTGAACCTC
 AGTGAATGTCATACCAAAATTCGTCTATGGTATGCTCATGCAACCTTGAGTGATGGTGTAGTGGTACAGG
 TCATGGGCTTGCTGTCTAACAGTGGACAGCCTGAGAGGAAGTTTATGCAACCTTTGTTCTGGCTCCAGA
 AGGATCTGTTCCAAATAAATTTTATGTTTCAATGATATGTTTCGTTATGAAGATGAAGTGTGGTGTAT
 TCTGAACCAAGAACTTGATGAAGAGTCAGAAGATGAAGTGAAGAGGAGCAAGAAGACAGGCAGCCGTCTC
 CTGAACCTGTGCAAGAGAATGCTAACAGCGCTTACTATGACGCACACCCCGTACTAATGGCATAGAGGA
 GCCTTTAGAAGAATCCTCTCATGAACCTGAGCCTGAGCCAGAATCTGAAACAAAGACTGAAGAGCTGAAA
 CCACAAGTGGAGGAGAAACACTTGAAGAGCTGGAGGAGAAGTCGGCCACTCCTCCTCTGCTGAGCCTG
 CTTCTCTGCCTCAGGAACCGCCAAAGGCTTTCTCTGGGCTTCAGTGACCAGTAAAAACCTGCCTCCTAG
 TGGTACTGTTTCTCTCTGGAATTCACCCCATGTTAAAGCACCAGTCTCACAGCCGAGGGTGTATGCT
 AAGCCAGAAGTTCAGTCTCAGCCACCGGTGTACGGGAACAGCGACCTCGAGAGCGGCTGGTTTCCCTC
 CTCGAGGACCAAGGCCAGGCAGAGGAGATATGGAACAGAATGACTCTGACAACCGGAGAATAATTGCTA
 TCCGGACAGTCATCAGCTTTTCGTTGGTAACTTGCCTCATGATTTGATGAAAATGAACTGAAAGAATTC
 TTTATGAGTTTTGAAACGTTGTGGAACCTCGCATCAATACCAAGGGTGTGGGGGAAAACCTCCAAATT
 TTGGTTTTGTGTTTTTGTGACTCTGAACAGTTCAGAGAATCTTAATTGCAAAACCAATTATGTTTCG
 AGGAGAAGTACGTTTAAATGTGGAAGAGAAAAACAAGAGCTGCCAGAGAGCGAGAAACAGAGGTGGT
 GGCGATGACCGCAGGGATATCAGGCAGCAATGATCGGGGTCTGGTGGTCCACGTGGAATTGTGGGTGGT
 GAATGATGCGTGATCGTGACGGAAGAGGGCCACCTCCACGAGGTGGCATGACACAGAACTTGGTTCTCG
 AAGAGGAACCGGCAAAATGAAGGTGCTTCACAGGACAGCGTCGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR230139 representing NM_001080797
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VMMEKPSPLLVGREFVRQYYTLLNKAPEYLHRYFGRNSSYVHGGVDASGKPQEAVYQNDIHHKVLNLN
 SECHTKIRHVDATLSDGVVVQVMGLLSNSGQPERKFMQTFVLAPEGSVPNKFYVHNDMFRYEDEVFGD
 SEPELDEESEDEVEEEQEDRQSPPEPVQENANSAYYDAHPVTNGIEEPLSEESHEPEPEPESETKTEELK
 PQVEEKHLEELKESATPPPAEPASLPQEPPKAFSWASVTSKNLPPSGTVSSSGIPPHVKAPVSQPRVDA
 KPEVQSQPPRVREQRPRERPGFPPRGPRGRGDMEQNDSDNRRIIRYPDSHQLFVGNLPHDIDENELKEF
 FMSFGNVVELRINTKGVGKLPNFGFVVFDDSEPVQRILIAKPIMFRGEVRLNVEEKKTRAARERETRGG
 GDDRRDIRRNRDRGPGPRGIVGGMMRDRDGRGPPRGGMTQKLGSGRGTQMGRFTGQRR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype: AAV-2

ACCN: NM_001080797

ORF Size: 1446 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:	NM_001080797.2 , NP_001074266.1
RefSeq Size:	4276 bp
RefSeq ORF:	1449 bp
Locus ID:	23881
UniProt ID:	P97379
Cytogenetics:	5 E2
MW:	54.1 kDa