

Product datasheet for **MR209055A1V**

Mouse Igf2bp1 (NM_009951) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Igf2bp1 (NM_009951) AAV Particle
Tag:	Myc-DDK
Symbol:	Igf2bp1
Synonyms:	AL024068; AW549074; CRD-BP; Crdbp; D030026A21Rik; D11Moh40e; D11Moh45; IMP-1; IMP1; mir-3063
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209055 representing NM_009951
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACAAGCTTTACATCGGCAACCTCAACGAGAGTGTGACCCCGCAGACTTGGAGAAAGTATTCGCGG
 AGCACAAGATCTCCTACAGCGGCCAGTTCTTGGTCAAATCCGGCTACGCCTTCGTGGATTGCCCCGACGA
 GCACTGGGCGATGAAGGCCATCGAAACTTTCTCGGGGAAAGTAGAACTGCAAGGAAAACGTCTAGAGATT
 GAACACTCAGTCCCCAAAAAACAAAGGAGTCGGAATAACAGATCCGCAATATTCACCTCAGCTCCGAT
 GGGAAAGTGCTAGATAGCTGCTGGCTCAGTACGGTACAGTGGAGAACTGTGAGCAAGTGAACACTGAAAG
 TGAGACAGCTGTGGTCAACGTCACCTACTCTAACCGGAGCAGACCAGGCAAGCTATCATGAAGCTAAAT
 GGCCATCAACTGGAGAACCATGCCCTGAAGGTCTCTACATACCTGATGAGCAGATAACGCAAGGTCCTG
 AGAATGGGCGTCTGGAGGCTTTGGGTCTCGGGCCAGCCCCGGCAAGGGTCGCCGTGGCAGCAGGGGC
 TCCAGCCAAGCAGCAGCCAGTGGACATCCCTCTCCGGCTCTGGTGCCTACGCAGTATGTAGGCGCTATC
 ATTGGCAAGGAGGGTGCCACCATCCGAAACATCAGAAAACAGACGAGTCCAAAAATAGACGTGCATAGGA
 AGGAGAATGCGGGCGCTGCGGAGAAGGCCATCAGCGTGCATTCAACCCCTGAAGGCTGCTCTCCGCGTG
 CAAGATGATCTTGAGATTATGCACAAGGAGGCAAGGACACCAAAACGGCAGATGAAGTTCCCTGAAG
 ATCCTGGCTCATAACAACTTCGTGCGGCGACTCATTGGCAAGGAAGGGCGGAACCTGAAGAAGGTGGAGC
 AGGACACAGAGACGAAGATCACCATCTCATCGCTCCAGGACCTCACGCTCTATAACCTGAGAGGACCAT
 CACTGTGAAGGGCGCCATTGAGAACTGTTGCAGGGCCGAGCAGGAGATCATGAAGAAAGTTCGAGAGGCT
 TACGAGAACGACGTGGCCGCCATGAGCTTGCACTCCACCTCATCCCTGGGCTTAACCTGGCTGCTGTAG
 GTCTCTCCAGCTTCATCCAGCGCTGTCCCTCTCTCCAGCAGTGTACCGGGGCTGCTCCCTATAG
 CTCCTTCATGAGGCTCCGAGCAGGAGATGGTACAAGTGTTCATCCCGCCGAGGCTGTGGGCGCCATC
 ATTGGCAAGAAGGGCCAGCACATCAACAACCTCTCCGCTTCGCCAGCGCTCCATCAAGATTGCACCAC
 CAGAAACCTGACTCCAAAGTTCGAATGGTCTCATCACTGGACCCCGAGAGGCTCAGTTCAAGGCCCA
 GGAAGAATCTATGGCAAACTAAAGAAGAGAATTTCTTTGGTCCCAAGGAGGAAGTAAAGCTAGAGACC
 CACATACGGGTTCCGGCTTCAGCAGCCGGCGTGTATCGGCAAGGGCGGCAAAACGGTGAATGAGCTGC
 AGAACTTGACCGCAGCTGAGGTGGTAGTCCAAGAGACCAGACCCGGATGAGAACGACCAAGTCATTGT
 TAAGATCATCGGACATTTCTATGCCAGCCAGATGGCTCAGCGGAAGATCCGAGACATCTGGCTCAAGTT
 AAGCAACAGCACCAGAAGGGACAGCAACCTGGCCAGGCTCGGAGGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MNKL YIGNLNESVTPADLEKVF AEHKISYSQFLVKSGYAFVDCPDEHWAMKAIETFSGKVELQGKRLEI
 EHSV PKQRSRKIQIRNIPQLRWEVLDSL LAQYGT VENCEQVNT ESETAVVNV TYSNREQTRQAIMKLN
 GHQLENHALKVSYPDEQITQGPENGRGGFGSRGQPRQGS PVAAGAPAKQQPVDIPLRLLVPTQYVGA I
 IGKEGATIRNITKQTQSKIDVHRKENAGAAEK AISVHSTPEGCSSACKMILEIMHKEAKDTKTADDEVPLK
 ILAHNNFVGR LIGKEGRNLKKVEQDTEKITISSLQDL TLYNPRTITVKGAIENCCRAEQEIMKKVREA
 YENDVAAMSLQSHLIPGLNLA AVGLFPASSAVPPPPSVTGAAPYSSFMQAP EQEMVQVFI PAQAVGAI
 IGKKGQHIKQLSRFASASIKIAPPETPD SKVRMVITGPPEAQFKAQGRIYGKLKEENFFGPKEEVKLET
 HIRVPASAAGR VIGKGGKTVNELQNL TAAEVVPRDQTPDENDQIVKIIGHFYASQMAQRKIRDILAQV
 KQHQKQGSNLAQARRK

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_009951
ORF Size:	1731 bp
Buffer:	PBS with 0.001% Pluronic F176
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_009951.4, NP_034081.1</u>
RefSeq Size:	8382 bp
RefSeq ORF:	1734 bp
Locus ID:	140486
UniProt ID:	<u>O88477</u>
Cytogenetics:	11 59.08 cM
MW:	63.9 kDa