

Product datasheet for **RC216226A1V**

Human IGF2BP1 (NM_006546) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human IGF2BP1 (NM_006546) AAV Particle
Tag:	Myc-DDK
Symbol:	IGF2BP1
Synonyms:	CRD-BP; CRDBP; IMP-1; IMP1; VICKZ1; ZBP1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC216226 representing NM_006546
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGAACAAGCTTTACATCGGCAACCTCAACGAGAGCGTGACCCCGCGGACTTGGAGAAAGTGTTCGCG
 AGCACAAAGATCTCCTACAGCGGCCAGTTCTTGGTCAAATCCGGCTACGCCTTCGTGGACTGCCCGGACGA
 GCACTGGGCGATGAAGGCCATCGAAACTTTCTCCGGGAAAGTAGAATTACAAGGAAAACGCTTAGAGATT
 GAACATTCGGTGCCCAAAAAACAAAGGAGCCGGAATTCAAATCCGAAATATTCACCCAGCTCCGAT
 GGGAGTACTGGACAGCCTGCTGGCTCAGTATGGTACAGTAGAGAACTGTGAGCAAGTGAACACCGAGAG
 TGAGACGGCAGTGGTGAATGTCACCTATTCCAACCGGAGCAGACCAGGCAAGCCATCATGAAGTGAAT
 GGCCACCAGTTGGAGAACCATGCCCTGAAGTCTCCTACATCCCGATGAGCAGATAGCACAGGGACCTG
 AGAATGGGCGCCGAGGGGGCTTTGGCTCTCGGGTCAAGCCCGCAGGGCTCACCTGTGCAGCGGGGGC
 CCCAGCCAAGCAGCAGCAAGTGGACATCCCCCTTCGGTCTCTGGTCCCCACCCAGTATGTGGTGCCATT
 ATTTGGCAAGGAGGGGCCACCATCCGCAACATCAGAAAACAGACCCAGTCCAAGATAGACGTGCATAGGA
 AGGAGAACGCAGGTGCAGCTGAAAAAGCCATCAGTGTGCACTCCACCCCTGAGGGCTGCTCCTCCGCTTG
 TAAGATGATCTTGAGATTATGCATAAAGAGGCTAAGGACACCAAAACGGCTGACGAGGTTCCCTGAAG
 ATCCTGGCCCATATAACTTTGTAGGGCGTCTCATTGGCAAGGAAGGACGGAACCTGAAGAAGGTAGAGC
 AAGATACCGAGACAAAAATCACCATCTCCTCGTTGCAAGACCTTACCCTTTACAACCTGAGAGGACCAT
 CACTGTGAAGGGGCCATCGAGAATTGTTGCAGGGCCGAGCAGGAAATATGAAGAAAGTTCGGGAGGCC
 TATGAGAATGATGTGGCTGCCATGAGCCTGCAGTCTCACCTGATCCCTGGCCTGAACCTGGCTGCTGTAG
 GTCTTTTCCAGCTTCATCCAGCGCAGTCCCGCCGCTCCAGCAGCGTTACTGGGGCTGCTCCCTATAG
 CTCCTTTATGCAGGCTCCCGAGCAGGAGATGGTGCAAGGTGTTTATCCCGCCAGGCAAGTGGGCGCCATC
 ATCGGCAAGAAGGGGCAGCACATCAACAGCTCTCCCGTTTGGCAGCGCTCCATCAAGATTGCACCAC
 CCGAAACACCTGACTCCAAAGTTCGTATGGTTATCATCACTGGACCGCCAGAGGCCCAATTCAAGGCTCA
 GGAAGAATCTATGGCAAACTCAAGGAGGAGAATTCTTTGGTCCCAAGGAGGAAGTGAAGCTGGAGACC
 CACATACGTGTGCCAGCATCAGCAGCTGGCCGGGTATTGGCAAGGTGGAAAAACGGTGAACGAGTTGC
 AGAATTTGACGGCAGCTGAGGTGGTAGTACCAAGAGACCAGACCCCTGATGAGAACGACCAGGTATCGT
 GAAAATCATCGGACATTTCTATGCCAGTCAGATGGCTCAACGGAAGATCCGAGACATCCTGGCCAGGTT
 AAGCAGCAGCATCAGAAGGGACAGAGTAACCAGGCCAGGCACGGAGGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC216226 representing NM_006546
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MNKLYIGNL NESVTPADLEKVF AEHKISYSQGFLV KSGYAFVDCPDEHWAMKAIETFSGKVELQGRLEI
 EHSVPKKQSRRIQIRNIPPQLRWEVLDSL LAQYGT VENCEQVNTSE TAVVNV TYSNREQTRQAIMKLN
 GHQLENHALKVSYPDEQIAQGPENRRGGFGSRGQPRQGS PVAAGAPAKQQQVDIPLRLLVPTQYVGA I
 IGKEGATIRNITKQTQSKIDVHRKENAGAAEKAISVHSTPEGCS SACKMILEIMHKEAKDTKTADEVPLK
 ILAHNNFVGR LIGKEGRNLKKVEQDTETKITISSLQDL TLYNPERTITVKGAIENCCRAEQEIMKKVREA
 YENDVAAMSLQSHLIPGLNLAAVGLFPASS SAVPPPPSSVTGAAPYSSFMQAPEQEMVQVFI PAQAVGAI
 IGKKGQHIKQLSRFASASIKIAPPETPDSKVRMVIITGPPEAQFKAQGR IYGLKEENFFGPKEEVKLET
 HIRVPASAAGR VIGGGKT VNELQNL TAAEVVVRDQTPDENDQVIVKIIGHFYASQMAQRKIRDILAQV
 KQQHQKQGSNQARRK

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_006546
ORF Size:	1731 bp
Buffer:	PBS with 0.001% Pluronic F7510
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_006546.3</u>
RefSeq Size:	8769 bp
RefSeq ORF:	1734 bp
Locus ID:	10642
UniProt ID:	<u>Q9NZI8</u>
Cytogenetics:	17q21.32
MW:	63.3 kDa