

Product datasheet for **RC205673A1V**

Human IGF2BP2 (NM_006548) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human IGF2BP2 (NM_006548) AAV Particle
Tag:	Myc-DDK
Symbol:	IGF2BP2
Synonyms:	IMP-2; IMP2; VICKZ2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC205673 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

 ATGAACAAGCTTTACATCGGGAACCTGAGCCCCCGCTACCGCCGACGACCTCCGGCAGCTCTTTGGG
ACAGGAAGCTGCCCCGCGGGACAGGTCTGCTGAAGTCCGGCTACGCCTTCGTGGACTACCCGACCA
GAACTGGGCCATCCGCGCCATCAGACCTCTCGGTAAGTGGAATTGCATGGGAAAATCATGGAAGTT
GATTACTCAGTCTCTAAAAAGCTAAGGAGCAGGAAAATTCAGATTCGAAACATCCCTCTCACCTGCAGT
GGGAGGTGTTGGATGGACTTTTGGCTCAATATGGGACAGTGGAGAATGTGGAACAAGTCAACACAGACAC
AGAAACCGCCGTTGTCAACGTCACATATGCAACAAGAGAAGAAGCAAAAATAGCCATGGAGAAGCTAAGC
GGGCATCAGTTTGAGAACTACTCTTCAAGATTTCTACATCCCGGATGAAGAGGTGAGTCCCTTCGC
CCCCTCAGCGAGCCAGCGTGGGACCCTCTCCCGGAGCAAGGCCACGCCCTGGGGCAGCTTCTCA
GGCCAGACAGATTGATTTCCCGCTGCGGATCTGGTCCCACCCAGTTTGTGGTGCCATCATCGGAAAG
GAGGGCTTGACCATAAAGAACATCACTAAGCAGACCCAGTCCCGGTAGATATCCATAGAAAAGAGAACT
CTGGAGCTGCAGAGAAGCCTGTACCATCCATGCCACCCAGAGGGGACTTCTGAAGCATGCCGATGAT
TCTTGAATCATGCAGAAAGAGGCAGATGAGACCAAACTAGCCGAAGAGATTCTCTGAAAATCTTGGCA
CACAATGGCTTGGTTGGAAGACTGATTGGAAGAAGGCAGAAATTTGAAGAAAATTGAACATGAAACAG
GGACCAAGATAACAATCTCATCTTTCAGGATTTGAGCATATACAACCCGAAAGAACCATCACTGTGAA
GGGCACAGTTGAGGCTGTGCCAGTCTGAGATAGAGATTATGAAGAAGCTGCGTGAGGCCTTTGAAAAT
GATATGCTGGCTGTTAACCAACAAGCCAATCTGATCCCAGGGTTGAACCTCAGCGCACTTGGCATCTTTT
CAACAGGACTGTCCGTCTATCTCCACAGCAGGGCCCCGCGGAGCTCCCCCGCTGCCCTTACCACCC
CTTCACTACCCACTCCGATACTTCTCCAGCCTGTACCCCATACCAAGTTTGGCCCGTTCCCGCATCAT
CACTCTTATCCAGAGCAGGAGATTGTGAATCTCTTCATCCCAACCCAGGCTGTGGGCGCCATCATCGGGA
AGAAGGGGGCACACATCAAACAGCTGGCGAGATTGCGCGAGCCTCTATCAAGATTGCCCTGCGGAAGG
CCCAGACGTCAGCGAAAGGATGGTCATCATACCGGGCCACCGAAGCCAGTTCAAGGCCAGGGACGG
ATCTTTGGGAACTGAAAGAGGAAAATCTTTAACCCCAAAGAAGTGAAGCTGGAAGCGCATATCA
GAGTGCCCTCTCCACAGCTGGCCGGTGATTGGCAAAGTGGCAAGACCGTGAACGAAGTGCAGAACTT
AACCAGTGCAGAAATCATCGTGCCTCGTGACCAACGCCAGATGAAAATGAGGAAGTATCGTCAGAAAT
ATCGGGCACTTCTTTGCTAGCCAGACTGCACAGCGCAAGATCAGGGAATTTGTACAACAGGTGAAGCAGC
AGGAGCAGAAATACCCTCAGGGAGTCGCTCACAGCGCAGCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205673 protein sequence

Red=Cloning site Green=Tags(s)

 MNKLYIGNLSPAVTADDLRQLFGDRKLPLAGQVLLKSGYAFVDYPDQNWAIETLSGKVELHGKIMEV
DYSVSKLRSRKIQIRNIPPHLQWEVLDGLLAQYGTVENVEQVNTDTETAVVNVYATREEAKIAMEKLS
GHQFENYSFKISYIPDEEVSSPSPQRAQRGDHSSREQGHAPGGTSQARQIDFPLRILVPTQFVGAIGK
EGLTIKNITKQTQSRVDIHRKENSAAEKPVTHATPEGTSEACRMILEIMQKEADETKLAEIPLKILA
HNGLVGRLLIGKEGRNLKKIEHETGKITISSQLDL SIYNPERTITVKGTVEACASAEIEIMKKLREAFEN
DMLAVNQANLIPGLNLSALGIFSTGLSVLSPPAGPRGAPPAAPYHPFTTHSGYFSSLYPHHQFGPFPHH
HSYPEQEI VNLFIPTQAVGAIIGKKGAHIKQLARFAGASIKIAPAEGPDVSERMVITGPPEAQFKAQGR
IFGKLKEENFFNPKEEVKLEAHIRVPSSTAGRVIGKGGKTVNELQNL TSAEVIVPRDQTPDENEEVIVRI
IGHFFASQTAQRKIREIVQVVKQEQKYPQGVASQRSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_006548
ORF Size:	1794 bp
Buffer:	PBS with 0.001% Pluronic F5746
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_006548.4</u>
RefSeq Size:	3676 bp
RefSeq ORF:	1800 bp
Locus ID:	10644
UniProt ID:	<u>Q9Y6M1</u>
Cytogenetics:	3q27.2
MW:	66 kDa