

Product datasheet for **RR216841A1V**

Rat Igf2bp2 (NM_001270599) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Rat Igf2bp2 (NM_001270599) AAV Particle
Tag:	Myc-DDK
Symbol:	Igf2bp2
Synonyms:	RGD1305614
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RR216841 representing NM_001270599
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAAGTTGATTACTAGTCTCTAAAAAGCTAAGGAGCAGAAAAATCCAGATTGAAACATCCCGCCTC
 ACCTGCAGTGGGAGGTGTTGGATGGCCTGTTGGCTGAGTATGGGACGGTAGAGAAGCTGGAGCAAGTCAA
 CACGGACACAGAAACAGCCGTTGTCAACGTCACTATATGACAAGGGAAGAGGCAAGGTAGCTATTGAG
 AAGTTAAGTGGGCATCAGTTCGAGGACTACTCCTTCAAGATTTCTACATCCCCGACGAAGAATTGAGCT
 CCCCTTCAACCCCTCATCGAGCCCGGAACAAGGCCATGGCCCGGGAGCTCTTCTCAGGCCAGACAGAT
 TGACTTCCCGCTGAGGATCCTGGTCCCCACCCAGTTTGTGGTGCATCATCGGAAAGGAGGGCTTGACC
 ATAAAGAACATCACTAAACAGACCCAGTCCCGGTAGACATCCACAGGAAGGAGAACTCTGGGGTGCCG
 AGAAGCCTGTCAATCCACGCCACCCAGAAGGGACATCTGAAGCCTGCCGATGATTCTTGAGATTAT
 GCAGAAAGAGGCTGATGAGACAACTGGCAGAAGAGGTTCTTTGAAAATCTTGCCCCACAACGGCTTC
 GTCGGAAGACTGATTGGCAAAGAAGGCAGAAACCTGAAGAAAATTGAACACGAGACAGGGACCAAGATAA
 CTATCTCATCCTTGCAGGATTTGAGCATATATAACCCCGAGAGAACCATCACGGTGAAAGGTACCATGA
 AGCCTGTGCCAGTGCTGAGATGGAGATTATGAAGAAGCTACGCGAGGCCTTTGAAAACGACATGCTGGCC
 GTTAATCAACAAGCCAATCTGATCCCAGGGCTGAACCTCAGTGCATCGGCATCTTTTCGACAGGACTGT
 CTGTGCTTCTCCACCAGCAGGGCCCCGTGGAGCTCCCCGAGTCCCCCTATCACCCATTTGCTACCCA
 CTCCGGATACTTCTCCAGTCTGTACCCTCATCACCATTTCGGCCCATCCCGCATCACCCTCGTACCCA
 GAGCAAGAGACGGTGAGTCTCTTCATCCCAACGCAGGCTGTGGTGCTATCATCGGGAAAAAGGGGCGAC
 ACATCAAAACAGCTGGCTCGATTTGCCGGTCCCTCCATCAAGATCGCTCCAGCGGAAGGTCCAGATGTCAG
 TGAGAGGATGGTCATCATCACCCGGCCTCCTGAAGCCAGTTCAAGGCTCAGGGACGGATCTTTGGGAAA
 CTGAAAGAAGAAAACCTCTTTAATCCCAAGAAGAGGTGAAGCTGGAGGCCACATCCGAGTTCCCTCCT
 CGACAGCTGGCCGGGTGATTGGCAAAGGCGGTAAAACCGTAAATGAGCTGCAGAACTTGACAAGTGCAGA
 AGTTATAGTGCCTCGTGACCAAACGCCAGATGAGAACGAGGAAGTGATCGTCAGAATTATCGGGCATTTT
 TTTGCTAGCCAGACTGCACAACGAAGATCAGGGAAATTGTACAGCAGGTGAAGCAGCAGGCGCAGAAAT
 ACCCTCAGGGAGTCGCCCCACAGCGCAGCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MEVDYSVSKLRSRKIQIRNIPPHLQWEVLDGLLAEYGTVENVEQVNTDTEAVNVNTYMTREEAKVAIE
 KLSGHQFEDYSFKISYIPDEELSSPSPPHRAREQGHGPGSSSQARQIDFPLRILVPTQFVGAIIGKEGLT
 IKNITKQTQSRVDIHRKENSAAEKPVTHATPEGTSEACRMILEIMQKEADETKLAAEVPLKILAHNGF
 VGRLLIGKEGRNLKKIEHETGKITISSQLDSIYNPERTITVKGTIEACASAEMEIMKKLREAFENDMLA
 VNQQANLIPGLNLSALGIFSTGLSVLPPAGPRGAPSPPYHPFATHSGYFSSLYPHHHFGPFPHHHSYP
 EQETVSLFIPTQAVGAIIGKKGAHIKQLARFAGASIKIAPAEGPDVSERMVITGPPEAQFKAQGRIFGK
 LKEENFFNPKEEVKLEAHIRVPSSTAGRVIGKGKTVNELQNL TSAEVIVPRDQTPDENEIVIRIIGHF
 FASQTAQRKIREIVQQVKQQAQKYPQGVAPQRSK

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Rat

Serotype:

AAV-2

ACCN:

NM_001270599

ORF Size:

1572 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_001270599.1, NP_001257528.1</u>
RefSeq Size:	3629 bp
RefSeq ORF:	1575 bp
Locus ID:	303824
Cytogenetics:	11q23
MW:	57.9 kDa