

Product datasheet for **RC209597A1V**

Human IMP3 (IGF2BP3) (NM_006547) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human IMP3 (IGF2BP3) (NM_006547) AAV Particle
Tag:	Myc-DDK
Symbol:	IGF2BP3
Synonyms:	CT98; IMP-3; IMP3; KOC; KOC1; VICKZ3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC209597 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**C

 ATGAACAACTGTATATCGGAACTCAGCGAGAACGCCGCCCTCGGACCTAGAAAGTATCTTCAAGG
ACGCCAAGATCCCGGTGTCGGGACCTTCTGTTGAAGACTGGCTACGCGTTCTGGGACTGCCCGGACGA
GAGCTGGGCCCTCAAGGCCATCGAGGCGCTTTCAGTAAATAGAACTGCACGGGAAACCATAGAAATT
GAGCACTCGGTCCAAAAAGGCAAGGATTTCGAACTTCAGATACGAAATATCCCGCTCATTTACAGT
GGGAGGTGCTGGATAGTTTACTAGTCCAGTATGGAGTGGTGGAGAGCTGTGAGCAAGTGAACACTGACTC
GGAACTGCAGTTGTAATGTAACTATTCCAGTAAGGACCAAGCTAGACAAGCACTAGACAACTGAAT
GGATTTAGTTAGAGAATTTACCTTGAAGTAGCCTATATCCCTGATGAAATGGCCGCCAGCAAAACC
CCTTGCAGCAGCCCCGAGGTGCGCGGGGCTTGGGAGAGGGGCTCTCAAGGCAGGGGTCTCCAGGATC
CGTATCCAAGCAGAAACCATGTGATTTGCCTCTGCGCCTGCTGGTTCCACCCCAATTTGTTGGAGCCATC
ATAGGAAAAGAGGTGCCACCATTTCGGAACATCACAAACAGACCCAGTCTAAAAATCGATGTCCACCGTA
AAGAAAATGCGGGGGCTGCTGAGAAGTCGATTACTATCCTCTCTACTCCTGAAGGCACCTCTGCGGCTTG
TAAGTCTATTCTGGAGATTATGCATAAGGAAGCTCAAGATATAAAATTCAGAGAAGATCCCCTTGAAG
ATTTTAGCTCATAATACTTTGTTGGACGTCTTATTGGTAAAGAAGGAAGAAATCTTAAAAAATTGAGC
AAGACACAGACACTAAATCACGATATCTCATTGCAGGAATTGACGCTGTATAATCCAGAACGCACTAT
TACAGTTAAAGGCAATGTTGAGACATGTCCAAAGCTGAGGAGGAGATCATGAAGAAAATCAGGGAGTCT
TATGAAAATGATATTGCTTCTATGAATCTTCAAGCACATTTAATCCTGGATTAATCTGAACGCCTTGG
GTCTGTTCCACCCACTTCAGGGATGCCACCTCCACCTCAGGGCCCCCTTCAGCCATGACTCCTCCCTA
CCCGCAGTTTGAGCAATCAGAAACGGAGACTGTTTCATCTGTTTATCCAGCTCTATCAGTCGGTGCCATC
ATCGGCAAGCAGGGCCAGCACATCAAGCAGCTTCTCGCTTGTGAGCTTCAATTAAGATTGCTCCAG
CAGAAGCACCAGATGCTAAAGTGAAGTGGTATTACTGAGCACCAGAGGCTCAGTTCAAGGCTCA
GGGAAGATTTATGAAAAATTAAGAAGAAACTTTGTTAGTCTAAAGAAGAGGTGAACTTGAAGCT
CATATCAGAGTGCCATCCTTGTGCTGGCAGAGTTATTGAAAAGGAGGCAAAACGGTGAATGAATTC
AGAATTTGTCAAGTGCAGAGTTGTTGTCCTCGTGACCAGACACCTGATGAGAATGACCAAGTGGTTGT
CAAAATAACTGGTCACTTCTATGCTTGCAGGTTGCCAGAGAAAATTCAGGAAATTCGACTCAGGTA
AAGCAGCACCAACAACAGAAGGCTCTGCAAAGTGGACCACCTCAGTCAAGACGGAAG

 AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209597 protein sequence

Red=Cloning site Green=Tags(s)

 MNKLYIGNLSENAAPSDLESIFKDAKIPVSGPFLVKTGYAFVDCPDESWALKAIKALSGKIELHGKPIEV
EHSVPRQRIRKLQIRNIPPHLQWEVLDSLIVQYGVVSECEQVNTDSEAVVNVYSSKQARQALDKLN
GFQLENFTLKVAYIPDEMAAQNPQQPRRRGLGQRGSSRQGSFSGSVSKQKPCDLPLRLLVPTQFVGAI
IGKEGATIRNITKQTSKIDVHRKENAGAAEKSITILSTPEGTSAAKSSILEIMHKEAQDIKFTTEEIPLK
ILAHNNFVGRIGKEGRNLKKIEQDQDTKITISPLQELTLNPERTITVKGNETCAKAEIEIMKKIRES
YENDIASMNLQAHILPGLNLNLGLFPPTSGMPPPTSGPPSAMTPYPQFEQSETETVHLFIPALSVGAI
IGKQGQHIKQLSRFAGASIKIAPAEAPDAKVRMVIITGPPEAQFKAQGRYIGKIKEENFVSPKEEVKLEA
HIRVPSFAAGRVIGKGGKTVNELQNLSSAEVVPRDQTPDENDQVVVKITGHFYACQVAQRKIQEIQTQV
KQHQQKALQSGPPQSRRK

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_006547
ORF Size:	1737 bp
Buffer:	PBS with 0.001% Pluronic F6467
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_006547.2</u>
RefSeq Size:	4168 bp
RefSeq ORF:	1740 bp
Locus ID:	10643
UniProt ID:	<u>O00425</u>
Cytogenetics:	7p15.3
MW:	63.7 kDa