

Product datasheet for **RC203452A1V**

Human ISYNA1 (NM_016368) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ISYNA1 (NM_016368) AAV Particle
Tag:	Myc-DDK
Symbol:	ISYNA1
Synonyms:	INO1; INOS; IPS; IPS-1; IPS 1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC203452 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

 ATGGAGGCCGCCCGCCAGTTCTTCGTCGAGAGCCCGACGTGGTCTACGCCCCGAGGCCATCGAGGCGC
AATACGAGTACCGGACGACGCGCGTCAGCCGCGAGGGTGGCGTTCTCAAGGTGACCCCCACGTCCACGCG
CTTCACCTTCCGACCGCCCGGAGGTGCCCGGCTCGGGTCACTGTTGTGGCTGGGCGGGAACAAC
GGCTCCACACTCACCGCCGCGGTGCTGGCCAATCGACTGCGTTTGTCTGGCCACGCGCAGCGGCCGA
AGGAGGCCAACTACTACGGCTCGCTGACTCAGCGGGCACCGTGAAGCTGGGCTGGACGCCGAGGGCCA
GGAGGTGTTCTGACCTTCAGCGCGGTGCTGCCATGGTGGCGCCCAACGACCTCGTGTTCGATGGCTGG
GACATCTCGTCGCTGAACCTGGCCGAGGCGATGCGGCGCGCAAGGTGCTGGACTGGGGCTGCAGGAGC
AACTGTGGCCGACATGGAGGCCCTGCGGCCCGGCCCTCTGTTTACATCCCCGAATTCATCGCGGCCAA
CCAGAGCGCGCGCGGACAACCTCATCCAGGCTCGCTGCGCAGCAGCTGGAGCAGATCCGCAGGGAC
ATCCGAGACTTCCGGTCTAGCGCGGGGCTGGACAAAGTCATAGTGTGTGGACGGCGAACACGGAGCGCT
TCTGTGAGGTGATTCCAGGCCTCAACGACACAGCCGAGAACCTGCTGCGCACCATTGAGCTCGGTCTGGA
GGTGTGCGCCCTCCACGCTCTTCGCCGTGGCCAGCATCCTGGAGGGCTGTGCCTTCTCAATGGGTCTCCG
CAGAACCCCTGGTGGCCGGAGCTCTTGAGCTCGCGTGGCAGCACCGGGTTTTGTGGCGGAGATGACT
TCAAGTCAGGCCAGACCAAGTCAAGTCCGTGCTTGTGGACTTCTCATTGGCTCCGGCTCAAGACCAT
GTCCATCGTGAGTTACAACACCTGGGCAACAACGATGGGAGAACCTATCGGCGCCATTGCAGTTCCGC
TCTAAGGAGGTGTCCAAGAGCAACGTGGTGGACGACATGGTGCAGAGCAACCCAGTGTCTATACGCCCG
GCGAAGAGCCTGACCACTGCGTGGTCAAGTATGTGCCGTACGTGGGTGACAGCAAGCGCGCGCTGGA
TGAGTATACCTCGGAGCTGATGCTGGGCGGAACCAACACACTGGTGTGCACAACACGTGTGAGGACTCG
CTGCTGGCCGACCCATCATGCTGGACCTAGCGCTGCTGACCGAGCTGTGCCAGCGCTGAGCTTCTGCA
CTGACATGGACCCCGAGCCGAGACCTTCCACCCGCTGCTGTCCCTGCTCAGCTTCTCTTCAAGCGGCC
ACTAGTGCCGCCCGGAGCCCGGTGGTCAATGCGCTTTTCCGCCAGCGCAGCTGCATCGAGAATCCTC
AGGGCCTGCGTGGGGCTCCGCCACAGAACCATGCTCCTGGAACACAAATGGAGCGCCAGGGCCCA
GCCTCAAGCGAGTTGGACCCGTGGTGGCACCTACCCTATGTTGAACAAGAAAGACCGGTACCCGCTGC
CACCAATGGCTGCACCGGTGATGCCAATGGGCATCTGCAAGAGGAGCCCCCAATGCCACCACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203452 protein sequence

Red=Cloning site Green=Tags(s)

 MEAAQFFVESPDVVYGPEDIAEQYERYTRTRSREGGVLVHPTSTRFTFRTARQVPRLGVMLVGWGGNN
GSTLTA AVLANRLRLSWPTRSGRKEANYYGSLTQAGTVSLGLDAEGQEVFPFSAVLPMPVAPNDLVFDGW
DISSLNLAEAMRRKVLWDWLQEQLWPHMEALRPRPSVYIPEFIAANQSARADNLIPGSRAQQLEQIRRD
IRDFRSSAGLDKVIWLWTANTERFCEVIPGLNDAENLLRTIELGLEVSPSTLFAVASILEGCAFLNGSP
QNTLVPGALELAWQHRVFGGDDFKSGQTKVKSVLVDFLIGSLKTMISVSYNHLGNNDGENLSAPLQFR
SKEVSKSNVDDMVQSNPVL YTPGEEDHCVVIKYPYVGD SKRALDEYTS ELM LGGTNTLV LHNTCED S
LLAAPIMLDLALLTELCQRVSFCTDMDPEPQTFHPVLSLLSFLFKAPLVPPGSPVVALFRQRSCIENIL
RACVGLPPQNHMLLEHKMERPGPSLRKRVGPVAATYPMLNKKGPVPAATNGCTGDANGHLQEPPMPTT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_016368

ORF Size:	1674 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_016368.3</u>
RefSeq Size:	2427 bp
RefSeq ORF:	1677 bp
Locus ID:	51477
UniProt ID:	<u>Q9NPH2</u>
Cytogenetics:	19p13.11
MW:	61.1 kDa