

Product datasheet for **RC214701A1V**

Human IFIT3 (NM_001031683) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human IFIT3 (NM_001031683) AAV Particle
Tag:	Myc-DDK
Symbol:	IFIT3
Synonyms:	CIG-49; cig41; GARG-49; IFI60; IFIT4; IRG2; ISG60; P60; RIG-G
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC214701 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGTGAGGTACCAAGAATTCCCTGGAGAAAATCCTCCACAGCTGAAATGCCATTTACCTGGAAC
 TATTCAAGGAAGACAGTGTCTCAAGGGATCTAGAAGATAGAGTGTGTAACCAGATTGAATTTTTAAACAC
 TGAGTTCAAAGCTACAATGTACAACCTGTTGGCTACATAAAACACCTAGATGGTAACAACGAGGCAGCC
 CTGGAATGCTTACGGCAAGCTGAAGAGTTAATCCAGCAAGAACATGCTGACCAAGCAGAAATCAGAAGTC
 TAGTCACTTGGGAAACTACGCCTGGGTCTACTATCACTTGGGCAGACTCTCAGATGCTCAGATTTATGT
 AGATAAGGTGAAACAACTGCAAGAAATTTCAAATCCATACAGTATTGAGTATTCTGAACTTGACTGT
 GAGGAAGGTGGACACAAGTGAAGTGTGAAGAAATGAAAGGGCGAAGGTGTGTTTTGAGAAGGCTCTGG
 AAGAAAAGCCCAACAACCCAGAATTCTCTCTGGACTGGCAATTGCGATGTACCATCTGGATAATCACCC
 AGAGAAACAGTTCTCTACTGATGTTTTGAAGCAGGCCATTGAGCTGAGTCTGATAACCAATACGTCAAG
 GTTCTCTTGGGCTGAACTGCAGAAGATGAATAAAGAAGCTGAAGGAGAGCAGTTTGTGAAGAAGCCT
 TGGAAAAGTCTCTTGCCAAACAGATGTCTCCGAGTGCAGCCAAATTTACAGAAGAAAAGGTGACCT
 AGACAAAGCTATTGAACTGTTTCAACGGGTGTTGGAATCCACACCAAAACAATGGCTACCTCTATCACCAG
 ATTGGGTGCTGCTACAAGGCAAAAGTAAGACAAATGCAGAATACAGGAGAATCTGAAGCTAGTGGAAATA
 AAGAGATGATTGAAGCACTAAAGCAATATGCTATGGACTATTGGAATAAGCTCTTGAGAAGGGACTGAA
 TCCTCTGAATGCATACTCCGATCTCGTGAGTTCCTGGAGACGGAATGTTATCAGACACCATTCAATAAG
 GAAGTCCCTGATGCTGAAAAGCAACAATCCCATCAGCGCTACTGCAACCTTCAGAAATATAATGGGAAGT
 CTGAAGACACTGCTGTGCAACATGGTTTAGAGGGTTTGTCCATAAGCAAAAAATCACTGACAAGGAAGA
 GATCAAAGACCAACCACAGAATGTATCTGAAAATCTGCTTCCACAAAATGCACCAAAATTATTGGTATCTT
 CAAGGATTAATTGATAAGCAGAATGGAGATCTGCTGCAAGCAGCCAAATGTTATGAGAAGGAAGTGGGCC
 GCCTGCTAAGGGATGCCCTTCAGGCATAGGCAGTATTTCTGTGAGCATCTGAGCTTGAGGATGGTAG
 TGAGGAAATGGGCCAGGGCGCAGTCAGTCCAGTCCCAGAGAGCTCTCTCTAACTCAGAGCACTGAAC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC214701 protein sequence
 Red=Cloning site Green=Tags(s)

MSEVTKNSLEKILPQLKCHFTWNLFKEDSVSRDLEDVNCNIEFLNTEFKATMYNLLAYIKHLDGNNEAA
 LECLRQAEELIQEHADQAEIRSLVTWGNVAVVYHLGRLSDAQIYVDKVKQTCCKFSNPYSIEYSELDC
 EEGWTQLKCGRNERAKVCFEKALEKPNPEFSSGLAIAMYHLDNHPEKQFSTDVLKQAIELSPDNQYVK
 VLLGLKLQKMNKEAEGEQFVEEALEKSPCQTDVLRSAKFYRRKGDLDKAIELFQVLESTPNNGYLHQ
 IGCCYKAKVRQMONTGESEASGNKEMIEALKQYAMDYSNKALEKGLNPLNAYSDLAEFLETECYQTPFNK
 EVPDAEKQQSHQRYCNLQKYNKSEDTAVQHGLEGLSISKSTDKKEIKDQPQNVSENLLPQNAPNYWYL
 QGLIHKQNGDLLQAACKEKELGRLLRDAPSGIGSIFLSASELEDGSEEMQGAVSSSPRELLSNSEQLN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001031683

ORF Size:

1470 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_001031683.1</u>
RefSeq Size:	2467 bp
RefSeq ORF:	1473 bp
Locus ID:	3437
UniProt ID:	<u>O14879</u>
Cytogenetics:	10q23.31
MW:	56 kDa