

Product datasheet for **RC206499A1V**

Human IFIT5 (NM_012420) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human IFIT5 (NM_012420) AAV Particle
Tag:	Myc-DDK
Symbol:	IFIT5
Synonyms:	ISG58; P58; RI58
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC206499 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTGAATTCGTAAGGACACCTTGAAGGCCATTCTGTTGGAGTTAGAATGTCATTTTACATGGAATT
 TACTTAAGGAAGACATTGATCTGTTTGAGGTAGAAGATACAATTGGGCAACAGCTTGAATTTCTTACCAC
 AAAATCTAGACTTGCTCTTTATAACCTATTGGCCTATGTGAAACACCTAAAAGGCCAAAAATAAGACGCC
 CTTGAGTGCTTGAACAAGCAGAAGAAATAATCCAGCAAGAACACTCAGACAAAGAAGAAGTACGAAGCC
 TGGTCACTTGGGAAACTATGCCTGGGTGATTATCACATGGACCAGCTTGAAGAAGCTCAGAAGTATAC
 AGGTAAGATAGGGAATGTCTGTAAGAAATTGTCCAGTCCTTCTAACTACAAGTTGGAGTGTCTGAGACT
 GACTGTGAGAAAGCTGGGCACTCTTGAATTTGGAGGAAAGTATTATCAAAAGGCTAAAGCGGCTTTTG
 AGAAGGCTCTGGAAGTGGAGCCTGACAATCCAGAATTTAACATCGGCTATGCTATCACAGTGTATCGGCT
 GGATGATTCTGATAGAGAAGGTCTGTAAGAGCTTTTCTCTGGGGCTTTGAGAAAGGCTGTTACCTG
 AACCCAGATAACAGCTATATTAAGGTTTTCTGGCACTGAAGCTTCAAGATGTACATGCAGAAGCTGAAG
 GGGAAAAGTATATTGAAGAAATCCTGGACCAAATATCATCCCAGCCTTACGTCCTTCGTTATGCAGCCAA
 GTTCTATAGGAGAAAAATTCCTGGAACAAAGCTCTCGAACTTTTAAAAAGGCCTTGGAGGTGACACCA
 ACTTCTTCTTCTGTCATCACCAGATGGGACTTTGCTACAGGGCACAATGATCCAAATCAAGAAGGCCA
 CACACAACAGACCTAAAGGAAAGGATAAACTAAAGGTTGATGAGCTGATTTCTCTGCTATATTTTCAAT
 CAAAGCAGCCATGGAACGAGACTCTATGTTGCATTGCTACACAGACCTGGCCAACATGTATGCTGAA
 GGAGGCCAGTATAGCAATGCTGAGGACATTTCCGGAAGCTCTTCGCTCTGGAGAACATAACCGATGATC
 ACAACATCAGATCCATTACCACTATGGCCGCTTTCAGGAATTTACCGTAAATCAGAAAATACTGCCAT
 CCATCATTATTTAGAAGCCTTAAAGGTCAAAGACAGATACCCCTTCGCACCAAACTGACAAGTGTCTCTG
 AAGAAATTGTCTACCAAGAGACTTTGTACAATGCTTTAGATGTGCAGAGTTTAAAGTGCCTAGGTTTG
 TTTACAAGCTGGAAGGAGAAAAGAGGCAAGCTGCTGAGTACTATGAGAAGGCACAAAAGATAGATCCAGA
 AAATGCAGAATTCCTGACTGCTCTGTGAGCTCCGACTTTCCATT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206499 protein sequence
 Red=Cloning site Green=Tags(s)

MSEIRKDTLKAILLECHFTWNLLKEDIDLFEVEDTIGQQLFLTTKSRLALYNLLAYVKHLKGQNKDA
 LECLEQAEIIQQEHSDKEEVRSLVTWGNVAWVYHMDQLEEAQKYTGKIGNVCKKLSSPSNYKLECPET
 DCEKGWALLKFGGKYYQKAKAAFEKALEVEPDNPEFNIGYAITVYRLDSDREGSVKSFSLGPLRKAVTL
 NPDNSYIKVFLALKLQDVHAEAGEKYIEEILDQISSQPYVLRYYAKFYRRKNSWNKALELLKKALEVTP
 TSSFLHHQMLCYRAQMIQIKKATHNRPKGDKLKVDELISSAIFHFKAAMERDSMFAFAYTDLANMYAE
 GGQYSNAEDIFRKALRLNITDDHKHQIHYHYGRFQEFHRKSENTAIIHHYLEALKVKDRSPLRTKLTSAL
 KKLSTKRLCHNALDVQSLSALGFVYKLEGEKRQAAEYKQAQKIDPENAEFLTALCELRLSI

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_012420

ORF Size:

1446 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_012420.1, NP_036552.1</u>
RefSeq Size:	4034 bp
RefSeq ORF:	1449 bp
Locus ID:	24138
UniProt ID:	<u>Q13325</u>
Cytogenetics:	10q23.31
MW:	55.8 kDa