

Product datasheet for **RC203320A1V**

Human IFIT1 (NM_001548) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human IFIT1 (NM_001548) AAV Particle
Tag:	Myc-DDK
Symbol:	IFIT1
Synonyms:	C56; G10P1; IFI-56; IFI-56K; IFI56; IFIT-1; IFNAI1; ISG56; P56; RNM561
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC203320 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTACAAATGGTGATGATCATCAGGTCAAGGATAGTCTGGAGCAATTGAGATGTCACCTTTACATGGG
 AGTTATCCATTGATGACGATGAAATGCCTGATTTAGAAAACAGAGTCTTGATCAGATTGAATTCCTAGA
 CACCAATACAGTGTGGGAATACACAACCTACTAGCCTATGTGAAACACCTGAAAGGCCAGAATGAGGAA
 GCCCTGAAGAGCTTAAAAGAAGCTGAAAACCTAATGCAGGAAGAACATGACAACCAAGCAATGTGAGGA
 GTCTGGTGACCTGGGGCAACTTTGCCTGGATGTATTACCACATGGGCAGACTGGCAGAAGCCAGACTTA
 CCTGGACAAGGTGAGAACATTTGCAAGAAGCTTTCAAATCCCTTCCGCTATAGAATGGAGTGTCCAGAA
 ATAGACTGTGAGGAAGGATGGCCTTGTGAAGTGTGGAGGAAAGAATTATGAACGGGCCAAGCCTGCT
 TTGAAAAGGTGCTTGAAGTGGACCTGAAAACCCGGAATCCAGCGCTGGGTATGCGATCTCTGCCTATCG
 CCTGGATGGCTTTAAATTAGCCACAAAAATCACAAGCATTCTTTGCTTCCCCTAAGGCAGGCTGTC
 CGCTTAAATCCAGACAATGGATATATTAAAGTTCTCCTTGCCTGAAGCTTCAGGATGAAGGACAGGAAG
 CTGAAGGAGAAAAGTACATTGAAGAAGCTCTAGCCAACATGTCCTCACAGACCTATGTCTTTTCGATATGC
 AGCCAAGTTTTACCGAAGAAAAGGCTCTGTGGATAAAGCTCTTGAGTTATAAAAAGGCCTTGCAGGAA
 ACACCCACTTCTGTCTTACTGCATCACCAGATAGGGCTTTGCTACAAGGCACAAATGATCCAAATCAAGG
 AGGCTACAAAAGGCGAGCCTAGAGGGCAGAACAGAGAAAAGCTAGACAAAATGATAAGATCAGCCATATT
 TCATTTGAATCTGCAGTGGAAAAAAGCCACATTTGAGGTGGCTCATCTAGACCTGGCAAGAATGTAT
 ATAGAAGCAGGCAATCACAGAAAAGCTGAAGAGAATTTCAAAAATTGTTATGCATGAAACCAAGTGTAG
 AAGAAAATGCAAGACATACATTTCCACTATGGTTCGGTTTCAGGAATTTCAAAAAGAAATCTGACGTCAA
 TGCAATATCCATTATTTAAAAGCTATAAAAAATAGAACAGGCATCATTAAACAAGGGATAAAAAGTATCAAT
 TCTTTGAAGAAATTTGTTTTAAGGAACTTCGGAGAAAAGCATTAGATCTGAAAAGCTTGAAGCCTCTTG
 GGTTCTCTACAAATTGGAAGGAAATATGAATGAAGCCCTGGAGTACTATGAGCGGGCCCTGAGACTGGC
 TGCTGACTTTGAGAACTGTGAGACAAGGTCCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203320 protein sequence
 Red=Cloning site Green=Tags(s)

MSTNGDDHQVKSLEQLRCHFTWELSIDDEMPDLENRVLDQIEFLDTKYSVGIHNLAYVKHLKQNEE
 ALKSLKEAENLMQEEHDNQNVRSLVTWGNFAWYYHMGRLEAQTYLDKVENICKKLSNPFYRMECEP
 IDCEEGWALLKCGGKNYERAKACFEKVLVDPENPESSAGYASAYRLDGFKLATKNHKPFSLLPLRQAV
 RLNPNGYIKVLLALKLQDEGQEAEGEKYIEEALANMSSQTYVFRYAAKFYRRKGSVDKALELLKKALQE
 TPTSVLLHHQIGLCYKAQMIQIKEATKGQPRGQNRKLDKMIRSAIFHFESAVEKKPTFEVAHLDLARMY
 IEAGNHRKAEENFQKLLCMKPVVEETMQDIHFHYGRFQEFQKSDVNAI IHYLKAIEQASLRDKSIN
 SLKKLVLRLRRKALDLESLSLGTFVYKLEGNMNEALEYERALRLAADFENSVRQGP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001548

ORF Size:

1434 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_001548.3</u>
RefSeq Size:	4396 bp
RefSeq ORF:	1437 bp
Locus ID:	3434
UniProt ID:	<u>P09914</u>
Cytogenetics:	10q23.31
MW:	55.4 kDa