

Product datasheet for **RC212574A1V**

Human IFIT1B (NM_001010987) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human IFIT1B (NM_001010987) AAV Particle
Tag:	Myc-DDK
Symbol:	IFIT1B
Synonyms:	bA149I23.6; IFIT1L
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC212574 representing NM_001010987
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTGAAGAATCTGATGGAAAGCTTATTGAAGACAGCCTGATTCAGCTGAGATGTCACCTTTACATGGA
 AGTTGTTAATTGAAGCCCTGAAATTCCTGATTTAGAAAACAGGATCTGGGAAGAGATTCAGTTCCTGGA
 CACCAAATACAATGTGGGAATACACAACCTACTAGCCTATGTGAAACACCTGAAAGGCCAGAATGAGGAA
 GCCCTGGTCAGCTTGAAGAGGCTGAAGACTTAATTCAGAAAGAACATGCCAACCAAGCAGATATTAGAA
 GTCTGGTGACCTGGGGCAACTTTGCCTGGGTGATTACCACATGGGCAGATTGGCAGAAGCCAGACTTA
 CCTGGACAAGGTGGAGAACACTTGCAAGAAGTTTGCAATCCTCCCGCTATAGAATGGAGTGCCAGAG
 GTGGACTGTGAGGAAGGATGGGCCTTGGCGAAGTGTGGTGAAAGAATTATGAACGGGCCAAGACCTGCT
 TTGAAAGGCTCTGGAAGGGAACCTGAAAACCTGAATCAATACTGGGTACGCAATCACCGTCTATCG
 CCTGGATAAATTAACACAGCATCAGGGAGGAATAAGGCATTTCTCTGCACGTCCTAAAACGAGCTGTC
 AGGCTAAATCCAGATGATGATATATTAGGGTTCTCCTTGCCTGAAGCTTCAGGATGAAGGACAGGAAG
 CTGAAGGAGAAAAGTACATTGAAGAAGCTCTGACCAGTATATCTTCACAGGCCTATGTCTTTCAATATGC
 AGCCAAGTTTTATCGAAGAAAAGGGTCTGTGGATAAAGCTCTTGAGCTCTTAAAAATGGCCTTGGAGACA
 ACACCCACTTCTGCCTTCTGCATCACCAATGGGGCTTTGCTACAGGGCACAATGATCCAATCAAGG
 AAGCTACAACTGGCAGCCTAGAGGGCAAGATAGGGAACTGTGGACAGATTGGTTCAATTGGCTATATG
 CAAATTTGAAAAGACTATAATGTTAAAGCGAACATTTGAGATGGCCTATGTTGACCTGGCTGAAACGTAT
 GCAGAAATAGGCCACCACAGAAAGGCTGAGGAACATTTTCAGAAAGGGTTACGCATGAAGATCTTTGAAG
 ATCAGCTAAAGCAAGAGATTCAATACCACTACGGCCGTTTCCAAGAACATCATGGGAAATCTCAAGATAA
 AGCAATTACCCATTATTTAAAAGGTTTGAATAAGAAAAATGTCCATTCCAGGGAAAAAATCTCTCAAT
 GCTTTAGAGAAATTGGCTAAAAGATGTATTACCAGAATGTACGGGTTGTGGAAGTGTACGCCTCCTTG
 GGCTTATCCACAAATTGAAAGGAGAAGTAAGTGATGCTTTGCTGTGCTATGAGAGGGCTCTGAGGCTGGC
 TGCTGACCTGAACCCTATATT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC212574 representing NM_001010987
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MSEESDGKLIEDSLIQLRCHFTWKLLIEAPEIPDLENRIWEEIQFLDTKYNVGIHNLAYVKHLKGQNEE
 ALVSLKKAEDLIQKEHANQADIRSLVTWGNFAWVYYHMGRLAEAQTYLDKVENTCKKFANPSRYRMECPE
 VDCEEGWALAKCGGKNYERAKTCFEKALEGNPENPEFNTGYAITVYRLDKFNTASGRNKAFLHVLKRAV
 RLNPDDVYIRVLLALKLQDEGQAEGEKYIEEALTSISSQAYVFQYAAKFYRRKGSVDKALELLKMALET
 TPTSAFLHHQMGLCYRAQMIQIKEATNWQPRGQDRETVDRLVQLAICKFEKTI MLKRTFEMAYVDLAETY
 AEIGHHRKAEHFQKGLRMKIFEDQLKQEIHYHYGRFQEHGKSQDKAITHYLKGLKIEKMSHSREKLLN
 ALEKLAKRCIHQNVRVVESVSLGLIHKLKGEVSDALLCYERALRLAADLNPIF

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001010987

ORF Size:

1422 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_001010987.1</u> , <u>NP_001010987.1</u>
RefSeq Size:	2005 bp
RefSeq ORF:	1425 bp
Locus ID:	439996
UniProt ID:	<u>Q5T764</u>
Cytogenetics:	10q23.31
MW:	54.8 kDa