

Product datasheet for **RC232741**

IFIT1 (NM_001270928) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IFIT1 (NM_001270928) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	IFIT1
Synonyms:	C56; G10P1; IFI-56; IFI-56K; IFI56; IFIT-1; IFNAI1; ISG56; P56; RNM561
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC232741 representing NM_001270928
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCTGATTTAGAAAACAGAGTCTTGGATCAGATTGAATTCCTAGACACCAAATACAGTGTGGGAATAC
 ACAACCTACTAGCCTATGTGAAACACCTGAAAGGCCAGAATGAGGAAGCCCTGAAGAGCTTAAAAGAAGC
 TGAAACTTAATGCAGGAAGAACATGACAACCAAGCAAATGTGAGGAGTCTGGTACCTGGGCAACTTT
 GCCTGGATGTATTACCACATGGGCAGACTGGCAGAAGCCAGACTTACCTGGACAAGGTGGAGAACATTT
 GCAAGAAGCTTTCAAATCCCTCCGCTATAGAATGGAGTGTCCAGAAATAGACTGTGAGGAAGGATGGGC
 CTTGCTGAAGTGTGGAGGAAAAAATTATGAACGGGCCAAGGCCTGCTTTGAAAAGGTGCTGAAGTGGAC
 CCTGAAAACCTGAATCCAGCGCTGGGTATGCGATCTCTGCCTATCGCCTGGATGGCTTTAAATTAGCCA
 CAAAAATCACAAGCCATTTTCTTCTCCCTAAGGCAGGCTGTCGCTTAAATCCAGACAATGGATA
 TATTAAGTTCTCCTTGCCTGAAGCTCAGGATGAAGGACAGGAAGCTGAAGGAGAAAAGTACATTGAA
 GAAGCTCTAGCCAACATGTCTCACAGACTATGTCTTTCGATATGCAGCCAAGTTTTACCGAAGAAAAG
 GCTCTGTGGATAAAGCTCTTGTAGTTATTA AAAAAGGCCTTGCAGGAAAACCCCACTTCTGTCTTACTGCA
 TCACCAGATAGGGCTTTGCTACAAGGCACAAATGATCAAATCAAGGAGGCTACAAAAGGGCAGCCTAGA
 GGGCAGAACAGAGAAAAGCTAGACAAAATGATAAGATCAGCCATATTTTCACTTTTGAATCTGCAGTGGAAA
 AAAAGCCACATTTGAGGTGGCTCATCTAGACCTGGCAAGAATGTATATAGAAGCAGGCAATCACAGAAA
 AGCTGAAGAGAAATTTCAAAAATGTTATGCATGAAACCAAGTGGTAGAAGAAACAATGCAAGACATACAT
 TTCCACTATGGTCGGTTTCAGGAATTTCAAAGAAATCTGACGTCAATGCAATTATCCATTATTTAAAAG
 CTATAAAAATAGAACAGGCATCATTAAACAAGGGATAAAAAGTATCAATTTTGAAGAAAATTGGTTTTAAG
 GAAACTTCGGAGAAAGGCATTAGATCTGGAAGCTTGGCCTCCTTGGGTTTCGTCTACAAAATTGGAAGGA
 AATATGAATGAAGCCCTGGAGTACTATGAGCGGCCCTGAGACTGGCTGCTGACTTTGAGAACTCTGTGA
 GACAAGGTCCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC232741 representing NM_001270928
 Red=Cloning site Green=Tags(s)

MPDLENRVLDDQIEFLDTKYSVGIHNLAYVKHLKGQNEEALKSLKEAENLMQEEHDNQNVRSLVTWGNF
 AWMYYHMGRLEAQTYLDKVENICKKLSNPFYRMECEPIDCEEWALLKCGGKNYERAKACFEKVLVD
 PENPESSAGYAI SAYRLDGFKLATKNHKPFSLLPLRQAVRLNPDNGYIKVLLALKLQDEGQEAEGEKYIE
 EALANMSSQTYVFRYAIFYRRKGSVDKALELLKALQETPTSVLLHHQIGLCYKAQMIQIKEATKGQPR
 GQNREKLDKMIRSAIFHFESAVEKKPTFEVAHLDLARMYIEAGNHRKAEENFQKLLCMKPVVEETMQDIH
 FHYGRFQEFQKSDVNAIIHYLKAIKIEQASLTRDKSINSLKKL VLRKLRKALDLESLLGFVYKLEG
 NMNEALEYERALRLAADFENSVRQGP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

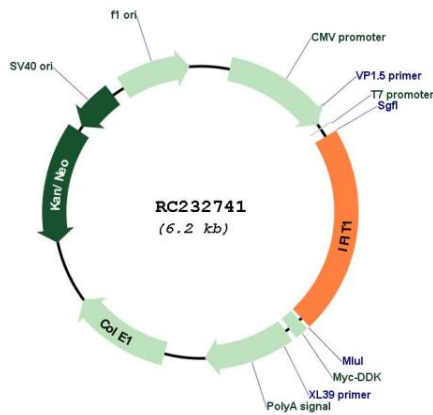
Sgfl-MluI

Cytogenetics: 10q23.31

MW: 52.2 kDa

Gene Summary: This gene encodes a protein containing tetratricopeptide repeats that was originally identified as induced upon treatment with interferon. The encoded protein may inhibit viral replication and translational initiation. This gene is located in a cluster on chromosome 10 with five other closely related genes. There is a pseudogene for this gene on chromosome 13. Alternatively spliced transcript variants encoding multiple isoforms have been observed. [provided by RefSeq, Aug 2012]

Product images:



Circular map for RC232741