

Recombinant Full Length Human IFIT1 Protein, C-Flag-tagged

Cat. No. IFIT1-630HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human IFIT1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	55.2 kDa
AA Sequence	MSTNGDDHQVKDSLEQLRCHFTWELSIDDDEMPDLENRVLDQIEFLDTKYSVGIIHNL LAYVKHLKGQNEE ALKSLKEAENLMQEEHDNQANVRSLVTWGNFAWMYYHMGRL AEAQTYLDKVENICKKLSNPFYRMECPE IDCEEGWALLKCGGKNYERAKACFEKV LEVDPENPESSAGYAISAYRLDGFKLATKNHKPFSLPLRQAV RLNPDNGYIKVLLAL KLQDEGQEAEGEKYIEEALANMSSQTYVFRYAAKFYRRKGSVDKALELLKKALQE T PTSVLLHHQIGLCYKAQMIQIKEATKGQPRGQNREKLDKMIRSAIFHFESAVEKKPTF EVAHLDLARMY IEAGNHRKAEENFQKLLCMKPVEETMQDIHFHYGRFQEFQKKSD

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VNAIIHYLKAIEQASLTRDKSIN
SLKKLVLRKLRRKALDLESLSLLGFVYKLEGNMNEALEYYERALRLAADFENSVRQG
PTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	IFIT1 interferon induced protein with tetratricopeptide repeats 1 [Homo sapiens (human)]
Official Symbol	IFIT1
Synonyms	C56; P56; G10P1; IFI56; ISG56; IFI-56; IFIT-1; IFNAI1; RNM561; IFI-56K
Gene ID	3434
mRNA Refseq	NM_001548.5

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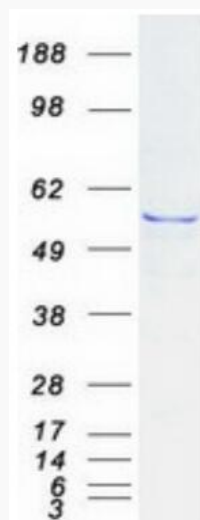
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Protein Refseq NP_001539.3

MIM 147690

UniProt ID P09914



Coomassie blue staining of purified IFIT1 protein.

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