

Recombinant Human IFIT1 Protein, His-tagged

Cat. No. IFIT1-19H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human IFIT1 protein with a His-tag was expressed in E. coli
Species	Human
Source	E.coli
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.
Molecular Mass	The protein has a calculated MW of 68.2 kDa.
AA Sequence	<p>MGSSHHHHHSSGMSDQEAKPSTEDLGDKKEGEYIKLKVIGQDSSEIHFVKVMTTH LKKLKESYCQRQGVPMNSLRFLFEGQRIADNHTPKELGMEEDVIEVYQEQTGGAT YMSTNGDDHQVKDSLEQLRCHFTWELSIDDEMPDLENRVLDQIEFLDTKYSGIHI NLLAYVKHLKGQNEEALKSLKEAENLMQEEHDNQNANVRSVLTWGNFAWMYYHMG RLAEAQTYLDKVENICKKLSNPFYRMECPEIDCEEGWALLKCGGKNYERAKACFE KVLEVDPENPESSAGYAISAYRLDGFKLATKNHKPFSLLPLRQAVRLNPDNGYIKVLL ALKLQDEGQEAEGEKYIEEALANMSSQTYVFRYA AKFYRRKGSVDKALELLKKALQE TPTS VLLHHQIGLCYKAQMIQIKEATKGQPRGQNREKLDKMIRSAIFHFESAVEKKPT FEVAHLDLARMYIEAGNHRKAEENFQKLLCMKPVVEETMQDIHFHYGRFQEFQKKS</p>

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DVNAIIHYLKAIKIEQASLTRDKSINSLKKLVLRLKLRKALDLESLSLLGFVYKLEGNMN
EALYYERALRLAADFENSVRQGP

Purity >90% by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 1.5 mg/mL

Storage Buffer 50mM Tris, 300mM NaCl, pH 8.0, 1mM EDTA

GENE INFORMATION

Gene Name IFIT1 interferon induced protein with tetratricopeptide repeats 1 [Homo sapiens (human)]

Official Symbol IFIT1

Synonyms IFIT1; interferon-induced protein with tetratricopeptide repeats 1; C56; P56; G10P1; IFI56; ISG56; IFI-56; IFIT-1; IFNAI1; RNM561; IFI-56K; interferon-induced protein with tetratricopeptide repeats 1; interferon, alpha-inducible protein (MW 56kD); interferon-induced 56 kDa protein; interferon-inducible mRNA 561

Gene ID 3434

mRNA Refseq NM_001548

Protein Refseq NP_001539

MIM 147690

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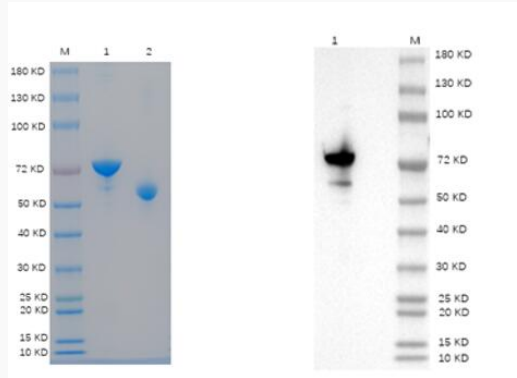
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UniProt ID

P09914

SDS-PAGE:



Reducing 12% SDS-PAGE and WB analysis profile of purified H.sapiens IFIT1

1. H.sapiens IFIT1
2. BSA

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