

Recombinant P. alecto IFIT1 Protein, His-tagged

Cat. No. IFIT1-48P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant P. alecto IFIT1 protein with a His-tag was expressed in E. coli
Species	P.alecto
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 68.4 kDa.
AA Sequence	MGSSHHHHHSSGMSDQEAKPSTEDLGDKKEGEYIKLVIGQDSSEIHFVKVMTTH LKKLKESYCQRQGVPMNSLRFLFEGQRIADNHTPKELGMEEDVIEVYQEQTGGAT YMSKNADEDQVKDRLEQLRCHFTWKLLIEDTEITDLENRVFDEIEFLDIKYNVGIHLL AYIKHLKGQNKEALESKEAETLIQQERTNQSNTKRLVTWGNyawlyyHMGSLGEV QIYLDKVENTCKKLASPSCCRLECPMDCEEGWALLKCGGKNYERAKACFEKALEA DPENPEFNTGYAITMFRLD SFHKETQFKEAFSLHPLKQAIRLNPEDAYIKALLGLKLQ DVGEQAEGQKYIEEALTKMSSQTYVFRYAAMFYRRKGSVDKALQLLKTALQATPSS AFLHHQIGLCYRSQVRQIKKTAKWQPRGQDRENVNRITRLAIFHFETLTKQKPTFEIA YKHLADMYIEAGNYEKAEDTYQKVLRLKKLDKEVLQEIFYYGQFQEFQRKSEIDAIY

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

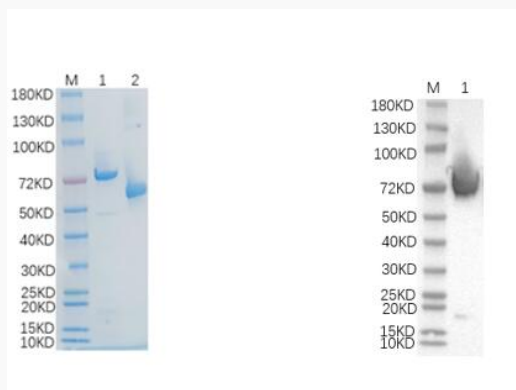
	YLKAIKIENQSYSRDKSISSLEKLVLRLRRNGSDIESLSILGFIYKLGEMNEALEYYE QALKLAADFESFV
Purity	>90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.125 mg/mL
Storage Buffer	PBS pH7.4, 1mM EDTA
GENE INFORMATION	
Gene Name	LOC102878285 interferon-induced protein with tetratricopeptide repeats 1 [Pteropus alecto (black flying fox)]
Official Symbol	IFIT1
Synonyms	LOC102878285; interferon-induced protein with tetratricopeptide repeats 1; IFIT1; interferon-induced protein with tetratricopeptide repeats 1; Interferon-induced protein with tetratricopeptide repeat 1
Gene ID	102878285
mRNA Refseq	XM_006925964
Protein Refseq	XP_006926026

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SDS-PAGE:



Reducing 12% SDS-PAGE and WB analysis profile of purified P.alecto IFIT1

1. P.alecto IFIT1

2. BSA