

Recombinant *P. alecto* IFIT1 Protein, His-tagged

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

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant <i>P. alecto</i> IFIT1 protein with a His-tag was expressed in <i>E. coli</i> |
| Species | <i>P.alecto</i> |
| Source | <i>E.coli</i> |
| 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 | <p>MGSSHHHHHSSGMSDQEAKPSTEDLGDKKEGEYIKLKVIGQDSSEIHFVKVMTTH LKKLKESYCQRQGVPMNSLRFLFEGQRIADNHTPKELGMEEDVIEVYQEQTGGAT YMSKNADEDQVKDRLEQLRCHFTWKLLIEDTEITDLENRVFDEIEFLDIKYNVGIHLL AYIKHLKGQNKEALESKEAETLIQQERTNQSNTKRLVTWGNyawlyyHMGSLGEV QIYLDKVENTCKKLASPSCCRLECPMDCEEGWALLKCGGKNYERAKACFEKALEA DPENPEFNTGYAITMFRLD SFHKETQFKEAFSLHPLKQAIRLNPEDAYIKALLGLKLQ DVGEQAEGQKYIEEALTKMSSQTYVFRYAAMFYRRKGSVDKALQLLKTALQATPSS AFLHHQIGLCYRSQVRQIKKTAKWQPRGQDRENVNRITRLAIFHFFTLKQKPTFEIA YKHLADMYIEAGNYEKAEDTYQKVLRLKKLDKEVLQEIFYYGQFQEFQRKSEIDAIY</p> |

 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

YLKAIKIENQSYSRDKSISSLEKLVLRKLRNGSDIESLSILGFIYKLGEMNEALEYYE
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](#)

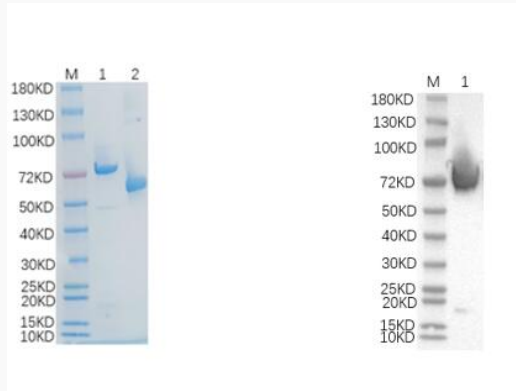
Protein Refseq [XP_006926026](#)

 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


SDS-PAGE:



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

1. P.alecto IFIT1

2. BSA

 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