



Recombinant Human IFIT1 Protein Product Manual

1. Product Basic Information

Product No.: REP07184

Protein Name: Interferon-Inducible Mrna 561 (IFIT1)

Aliases: C56; P56; G10P1; IFI56; ISG56; IFI-56; IFIT-IFNA1; RNM561; IFI-56K; interferon-inducible mRNA 561; interferon-induced 56 kDa protein; interferon, alpha-inducible protein (MW 56kD); antiviral innate i...

UniProt ID: P09914

UniProt Link: <https://www.uniprot.org/uniprotkb/P09914/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-478aa)

Molecular Weight: 62.3 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-478aa)

MSTNGDDHQVKDSLEQLRCHFTWELSIDDDEMPDLENRVLDQIEFLDTKYSVGIHN
LLAYVKHLKGQNEEALKSLKEAENLMQEEHDNQANVRSLVTWGNFAWMYYHMGR
LAEAQTYLDKVENICKLSNPFRYRMECEIDCEEGWALLKCGGKNYERAKACFEK
VLEVDPENPESSAGYASAYRLDGFKLATKNHKPFSLLPLRQAVRLNPDNGYIKVLL
ALKLQDEGQEAEGEKYIEEALANMSSQTYVFRYAAKFYRRKGSVDKALELLKKALQ
ETPTSVLLHHQIGLCYKAQMIQIKEATKGQPRGQNREKLDKMIRSAIFHFESAVEKKP
TFEVAHLDLARMYIEAGNHRKAEENFQKLLCMKPVVEETMQDIHFHYGRFQEFQKK
SDVNAIHYLKAIEQASLTRDKSINSLKKLVLRKLRRKALDLESLSLLGFVYKLEGNM
NEALEYYERALRLAADFENSVRQGP

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human IFIT1 full length protein (1-478aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. IFIT1, also known as C56 or P56 or G10P1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.