

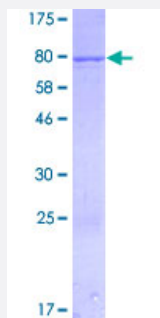
Full-Length

IFIT1 (Human) Recombinant Protein (P01)

Catalog # H00003434-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human IFIT1 full-length ORF (NP_001001887.1, 1 a.a. - 478 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSTNGDDHQVKDSLEQLRCHFTWELSIDDDEMPDLENRVLDQIEFLDTKYSVGIHNLLAYVKHLK
GQNEEALKSLKEAENLMQEEHDNQANVRSVLTWGNFAWMYYHMGRLAEAQTYLDKVENICKKL
SNPFRYRMECPEIDCEEGWALLKCGGKNYERAKACFEKVLEVDPENPESSAGYAISAYRLDGFK
LATKNHKPFSLLPLRQAVRLNPDNGYIKVLLALKLQDEGQEAEGEKYEEALANMSSQTYVFRYAA
KFYRRKGSVDKALELLKKALQETPTSVLLHHQIGLCYKAQMIQIKEATKGQPRGQNREKLDKMIRS
AIFHFESAVEKKPTFEVAHLDLARMYIEAGNHRKAEENFQKLLCMKPVVEETMQDIHFHYGRFQE
FQKKSVDVNAIIHYLKAIEQASLTRDKSINSLKKLVLRKLRRKALDLESLSLLGFVYKLEGNMNEAL
EYERALARLAADFENSVRQGP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

81.8

Interspecies Antigen Sequence

Mouse (53); Rat (57)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — IFIT1

Entrez GeneID	3434
GeneBank Accession#	NM_001548.3
Protein Accession#	NP_001001887.1
Gene Name	IFIT1
Gene Alias	G10P1, GARG-16, IFI-56, IFI56, IFNAI1, ISG56, RNM561
Gene Description	interferon-induced protein with tetratricopeptide repeats 1
Omim ID	147690
Gene Ontology	Hyperlink
Gene Summary	alpha-inducible protein (MW 56kD) OTTHUMP00000020062 interferon-induced protein 56
Other Designations	Interferon, alpha-inducible protein (MW 56kD) OTTHUMP00000020062 interferon-induced protein 56

Disease

- [Alzheimer Disease](#)

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)