

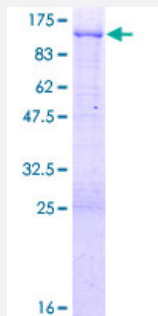
Full-Length

IFI16 (Human) Recombinant Protein (P01)

Catalog # H00003428-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human IFI16 full-length ORF (AAH17059.1, 1 a.a. - 729 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGKKYKNVLLKGLEVINDYHFRMVKSLLSNDLKLNLKMREEYDKIQIADLMEEKFRGDAGLGKLIKI
FEDIPTLEDLAETLKKEKLKVKGPALSRKRKKEVDATSPAPSTSSTVKTEGAEATPGAQKRKKST
KEKAGPKGSKVSEEQTQPPSPAGAGMSTAMGRSPSPKTSLSAPPNTSSTENPKTVAKCQVTPR
RNVLQKRPVMVKVLSTTKPFYETPEMEKKIMFHATVATQTQFFHVKVLNTSLKEKFNGKKIIISDYL
EYDSLLEVNEESTVSEAGPNQTFEVPNKIINRAKETLKIDILHKQASGNIVYGVFMLHKKTVNQKTTIY
EIQDDRGKMDVVG TGQCHNIPCEE GDKLQLFCFRLRKKNQMSKLISEMHSFIQIKKKTNPNNNDP
KSMKLPQE QSQLPNPSEASTTFPESHRLTPQMPPPTPSSSFFTKKSED TISKMNDFMRMQILKEG
SHFPGPFMTSIGPAESHPTPQMPPSTPSSSFLTTLKPRLKTEPEEVSIEDSAQSDLKEVMVLNA
TESFVYEPKEQKKMFHATVATENEVFRVKVFNIDLKEKFTPKKIIAIANYVCRNGFLEVYPFTLVAD
VNADRNMEIPKGLIRSASVTPKINQLCSQTKGSFVNGVFEVHKKNVRGEFTYYEIQDNTGKMEVVV
HGRLTTINCEE GDKLKLTCFELAPKSGNTGELRSVIHSHIKVIKTRKNKKDILNPDSSMETSPDFFF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

108.4

Interspecies Antigen Sequence

Mouse (53); Rat (45)

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 — IFI16

Entrez GeneID	3428
GeneBank Accession#	BC017059.1
Protein Accession#	AAH17059.1
Gene Name	IFI16
Gene Alias	IFNGIP1, MGC9466, PYHIN2
Gene Description	interferon, gamma-inducible protein 16
Omim ID	147586
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the HIN-200 (hematopoietic interferon-inducible nuclear antigen s with 200 amino acid repeats) family of cytokines. The encoded protein contains domains involved in DNA binding, transcriptional regulation, and protein-protein interactions. The protein localizes to the nucleoplasm and nucleoli, and interacts with p53 and retinoblastoma-1. It modulates p53 function, and inhibits cell growth in the Ras/Raf signaling pathway. [provided by RefSeq]

Other Designations

OTTHUMP00000035192|interferon-gamma induced protein IFI 16|interferon-inducible myeloid differentiation transcriptional activator

Disease

- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Ovarian Neoplasms](#)
- [Tobacco Use Disorder](#)