

Recombinant Human IFI16

Cat. No. IFI16-26947TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 630-729 of Human IFI16, with N terminal proprietary tag; predicted MWt 36.63 kDa inclusive of tag. AAH17059; Q16666 isoform 2
Species	Human
Source	Wheat Germ
ProteinLength	100 amino acids
Description	This gene encodes a member of the HIN-200 (hematopoietic interferon-inducible nuclear antigens 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Weight	36.630kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.3% Glutathione

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	FVNGVFEVHKKNVRGFTYYEIQDNTGKMEVVHGRLLTINCEEGLKLTCLFELAP KSGNTGELRSVIHSHIKVIKTRKNKKDILNPDSMETSPDFFF
GENE INFORMATION	
Gene Name	IFI16 interferon, gamma-inducible protein 16 [Homo sapiens]
Official Symbol	IFI16
Synonyms	IFI16; interferon, gamma-inducible protein 16; gamma-interferon-inducible protein 16; IFNGIP1; PYHIN2;
Gene ID	3428
mRNA Refseq	NM_001206567
Protein Refseq	NP_001193496
MIM	147586
Uniprot ID	Q16666
Chromosome Location	1q22
Pathway	Id Signaling Pathway, organism-specific biosystem; Senescence and Autophagy, organism-specific biosystem;
Function	DNA binding; double-stranded DNA binding; protein binding;

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