

Recombinant Human IFI16, GST-tagged

Cat. No. IFI16-14060H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFI16 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	N-term-353a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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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; interferon-gamma induced protein IFI 16; interferon-inducible myeloid differentiation transcriptional activator; MGC9466;
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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