

Recombinant Human IFI30, GST-tagged

Cat. No. IFI30-14061H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFI30 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	3-261a.a.
Description	The protein encoded by this gene is a lysosomal thiol reductase that at low pH can reduce protein disulfide bonds. The enzyme is expressed constitutively in antigen-presenting cells and induced by gamma-interferon in other cell types. This enzyme has an important role in MHC class II-restricted antigen processing.
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

Gene Name	IFI30 interferon, gamma-inducible protein 30 [Homo sapiens]
Official Symbol	IFI30

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Synonyms	interferon, gamma-inducible protein 30; 5398; Ensembl:ENSG00000216490; MGC32056; gamma-interferon-inducible lysosomal thiol reductase; legumaturain; gamma-interferon-inducible protein IP-30; interferon gamma-inducible protein 30 preproprotein; GILT; IP30; IFI-30
Gene ID	10437
mRNA Refseq	NM_006332.3
Protein Refseq	NP_006323.2
MIM	604664
UniProt ID	P13284
Chromosome Location	19p13.1
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing and presentation, organism-specific biosystem; Antigen processing and presentation, conserved biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Immune System, organism-specific biosystem; Interferon Signaling, organism-specific biosystem; Interferon gamma signaling, organism-specific biosystem;
Function	oxidoreductase activity, acting on a sulfur group of donors;