Recombinant Human IFI30 protein, His & T7-tagged

Cat. No. IFI30-1317H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFI30 aa. (Met1~Lys250 (Accession # P13284) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Lys250
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.7kDa.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 4.8.
Applications	SDS-PAGE; WB; ELISA; IP.

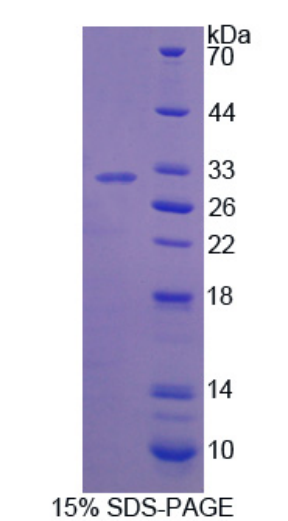
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	IFI30 IFI30, lysosomal thiol reductase [Homo sapiens (human)]
Official Symbol	IFI30
Synonyms	IFI30; IFI30, lysosomal thiol reductase; GILT; IP30; IP-30; IFI-30; gamma-interferon-inducible lysosomal thiol reductase; gamma-interferon-inducible protein IP-30; interferon gamma-inducible protein 30 preproprotein; interferon, gamma-inducible protein 30; legumaturain
Gene ID	10437
mRNA Refseq	NM_006332.4
Protein Refseq	NP_006323.2

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UniProt ID	P13284
SDS-PAGE	

15% SDS-PAGE

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