

Recombinant Human IFNGR2, GST-tagged

Cat. No. IFNGR2-14083H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNGR2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	125-324a.a.
Description	This gene (IFNGR2) encodes the non-ligand-binding beta chain of the gamma interferon receptor. Human interferon-gamma receptor is a heterodimer of IFNGR1 and IFNGR2. Defects in IFNGR2 are a cause of mendelian susceptibility to mycobacterial disease (MSMD), also known as familial disseminated atypical mycobacterial infection. MSMD is a genetically heterogeneous disease with autosomal recessive, autosomal dominant or X-linked inheritance.
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	IFNGR2 interferon gamma receptor 2 (interferon gamma transducer 1) [Homo
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 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

	sapiens]
Official Symbol	IFNGR2
Synonyms	IFNGR2; interferon gamma receptor 2 (interferon gamma transducer 1); IFNGT1; interferon gamma receptor 2; AF 1; IFN-gamma-R2; IFN-gamma receptor 2; interferon gamma transducer 1; interferon gamma receptor beta chain; interferon gamma receptor accessory factor 1; interferon gamma receptor accessory factor-1; AF-1; IFGR2;
Gene ID	3460
mRNA Refseq	NM_005534
Protein Refseq	NP_005525
MIM	147569
UniProt ID	P38484
Chromosome Location	21q22.1
Pathway	Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem;
Function	interferon-gamma receptor activity; receptor activity;

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