

Recombinant Human IFNGR1 protein, His & T7-tagged

Cat. No. IFNGR1-7038H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNGR1 aa. (Glu18~Gly245 (Accession # P15260)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Glu18~Gly245
Description	This gene (IFNGR1) encodes the ligand-binding chain (alpha) of the gamma interferon receptor. Human interferon-gamma receptor is a heterodimer of IFNGR1 and IFNGR2. A genetic variation in IFNGR1 is associated with susceptibility to Helicobacter pylori infection. In addition, defects in IFNGR1 are a cause of mendelian susceptibility to mycobacterial disease, also known as familial disseminated atypical mycobacterial infection.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.6.

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Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. 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. The loss rate 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	IFNGR1 interferon gamma receptor 1 [Homo sapiens (human)]
Official Symbol	IFNGR1
Synonyms	IFNGR1; interferon gamma receptor 1; CD119; IFNGR; IMD27A; IMD27B; AVP, type 2; CD119 antigen; CDw119; IFN-gamma receptor 1; IFN-gamma-R-alpha; IFN-gamma-R1; antiviral protein, type 2; immune interferon receptor 1; interferon-gamma receptor alpha chain
Gene ID	3459
mRNA Refseq	NM_000416.2
Protein Refseq	NP_000407.1

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UniProt ID

P15260

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