



## Datasheet for ABIN7320197 IFNGR2 Protein (His tag)



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### 1 Image

#### Overview

Quantity:	100 µg
Target:	IFNGR2
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFNGR2 protein is labelled with His tag.

#### Product Details

Purpose:	Recombinant Mouse IFNGR2 Protein (His Tag)
Sequence:	Met 1-Val 243
Characteristics:	A DNA sequence encoding the extracellular domain of mouse IFNGR2 (NP_032364.1) (Met 1-Val 243) was expressed, with a C-terminal polyhistidine tag.
Purity:	> 97 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

#### Target Details

Target:	IFNGR2
Alternative Name:	IFNGR2 ( <a href="#">IFNGR2 Products</a> )
Background:	Background: Interferon gamma receptor beta chain (IFNgammaR2), also known as IFNGR2, belongs to the type II cytokine receptor family, whose deficiency is a cause of autosomal recessive mendelian susceptibility to mycobacterial disease (MSMD), also known as familial

## Target Details

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disseminated atypical mycobacterial infection. This accessory factor is an integral part of the IFN-gamma signal transduction pathway and is likely to interact with GAF, JAK1, and/or JAK2. IFNGR2 is a component of the IFNgamma receptor complex along with the IFNgammaR alpha chain (IFNGR1), and is a new Bax suppressor. The C-terminal fragment (cytoplasmic domain) of IFNgammaR2 is expressed in human cancer cell lines of megakaryocytic cancer (DAMI), breast cancer (MDA-MD-468), and prostate cancer (PC3 cells). The Th1 cytokine IFNgamma, acting through its heterodimeric receptors, IFNgammaR1 and IFNgammaR2, in the induction/proliferation of Th1 cells, might suppress the Th2 responses that may underlie atopic asthma. IFNGR2 has always been seen as a key mechanism for shielding T lymphocytes from the antiproliferative effects of the IFNgamma-signal transducer and activator of transcription 1 (STAT1) pathway.

Synonym: Ifgr2,Ifgt

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Molecular Weight: 26.7 kDa

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NCBI Accession: [NP\\_032364](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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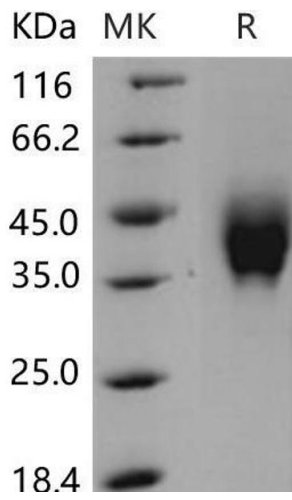
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



**Western Blotting**

**Image 1.**