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## Product Data Sheet

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Product Name: IFNGR1 Human  
 Cat. No.: GP20406  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	IFNGR1; CD119; IFNGR; IMD27A; IMD27B; CDw119.		
Amino Acid Sequence	EMGTADLGPS SVPTPTNVTI ESYNMNPIVY WEYQIMPQVP VFTVEVKNYG VKNSEWIDAC INISHHYCNI SDHVGDPSNS LWVRVKARVG QKESAYAKSE EFAVCRDGKI GPPKLDIRKE EKQIMIDIFH PSV FVNGDEQ EVDYDPETTC YIRVYNVYVR MNGSEIQYKI LTQKEDDCDE IQCQLAIPVS SLNSQYCVSA EGVLHVWGVT TEKSKEVCIT IFNSSIKGHH HHHH.		
Formulation	IFNGR1 protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.		

### Introduction

IFNGR1 is a part of the hematopoietic cytokine receptor superfamily. IFNGR1 forms a site that is recognized by the extracellular domain of IFNGR2 by inducing the rapid dimerization of chains. IFNGR1 Plays an important role in the IFN-gamma pathway that is essential for the cellular response to infectious agents. IFNGR1 is expressed in a membrane-bound form in various cells, and is over-expressed in tumor cells.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

IFNGR1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 234 amino acids (18-245a.a.) and having a molecular mass of 26.6kDa (Migrates at 28-40kDa on SDS-PAGE under reducing conditions). IFNGR1 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary

**Caution: Product has not been fully validated for medical applications. For research use only.**

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chromatographic techniques.

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