

## Product datasheet for **TP300674L**

### IFNGR2 (NM\_005534) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human interferon gamma receptor 2 (interferon gamma transducer 1) (IFNGR2), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200674 representing NM_005534 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MRPTLLWSLLLLLVFAAAAAAPPDPLSQLPAPQHPKIRLYNAEQVLSWEPVALSNSTRPVYQVQFKYT  
DSKWFTADIMSIGVNCTQITATECDFTAASPSAGFPMDFNVTLRRLRAELGALHSAWTMPWFQHYRNVTV  
GPPENIEVTPGEGSLIIRFSSPFDIADTSTAFFCYVHYWEKGGIQVKGPFRSNSISLDNLKPSRVYCL  
QVQAQLLWNKSNIFRVGHLSNISCYETMADASTELQVILISVGTFSLLSVLAGACFFLVLYRGLIKIYW  
FHTPPSIPLQIEEYLKDPTQPILEALDKDSSPKDDVWDSVSIISFPEKEQEDVLQTL

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	35 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_005525</a>
Locus ID:	3460



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UniProt ID: [P38484](#), [A8K881](#)

RefSeq Size: 2219

Cytogenetics: 21q22.11

RefSeq ORF: 1011

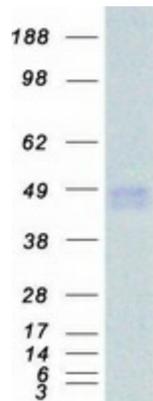
Synonyms: AF-1; IFGR2; IFNGT1; IMD28

**Summary:** 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. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway, Natural killer cell mediated cytotoxicity

### Product images:



Coomassie blue staining of purified IFNGR2 protein (Cat# [TP300674]). The protein was produced from HEK293T cells transfected with IFNGR2 cDNA clone (Cat# [RC200674]) using MegaTran 2.0 (Cat# [TT210002]).