

## Product datasheet for TP302761M

### IFNGR1 (NM\_000416) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human interferon gamma receptor 1 (IFNGR1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202761 representing NM_000416 Red=Cloning site Green=Tags(s)
	MALLFLLPLVMQGVSR AEMGTADLGPSSVPTPTNVTIESYNMNP I V W E Y Q I M P Q V P V F T V E V K N Y G V K N SEWIDACINISHHYCNISDHVGDPSNSLWVRVKARVGQKESAYAKSEEFVAVCRDGKIGPPKLDIRKEEKQ IMIDIFHPSVFNVDGEQVDYDPETTCYIRVYNVYVRMNGSEIQYKILTQKEDDCDEIQCQLAIPVSSLN SQYCVSAEGLVHWGVTTEKSKEVCITIFNSSIKGSLWIPVVAALLLFLVLSLVFICFYIKKINPLKEKS IILPKSLISVWRSATLETKPESKYVSLITSYQPFSLKEKEVCEEPLSPATVPGMHTEDNPGKVEHTEELS SITEVVTTEENIPDVVPGSHLTPIERESSPLSSNQSEPGSIALNSYHSRNCSESDHSRNGFDTDSSCLE SHSSLS DSEFPNNKGEIKTEGQELITVIKAPTSFGYDKPHVLVDLLVDDSGKESLIGYRPTEDSKEFS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	52.5 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:	<u><a href="#">NP_000407</a></u>



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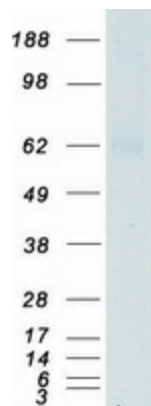
Locus ID:	3459
UniProt ID:	<a href="#">P15260</a> , <a href="#">A0A0S2Z3Y2</a>
RefSeq Size:	2059
Cytogenetics:	6q23.3
RefSeq ORF:	1467
Synonyms:	CD119; IFNGR; IMD27A; IMD27B

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

**Protein Families:** Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

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

### Product images:



Coomassie blue staining of purified IFNGR1 protein (Cat# [TP302761]). The protein was produced from HEK293T cells transfected with IFNGR1 cDNA clone (Cat# [RC202761]) using MegaTran 2.0 (Cat# [TT210002]).