

Product datasheet for PH302761

IFNGR1 (NM_000416) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	IFNGR1 MS Standard C13 and N15-labeled recombinant protein (NP_000407)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202761
Predicted MW:	54.4 kDa
Protein Sequence:	>RC202761 representing NM_000416 Red=Cloning site Green=Tags(s)

MALLFLLPLVMQGVSRAMGTADLGPSSVPTPTNVTIESYMNPIVYWEYQIMPQVPVFTVEVKNYGVKN
SEWIDACINISHYCNISDHVGDPSNSLWVRVKARVGQKESAYAKSEEFVAVCRDGKIGPPKLDIRKEEKQ
IMIDIFHPSVFNNGDEQEVDYDPETTCYIRVYNVYVRMNGSEIQYKILTQKEDDCDEIQCLAIPVSSLN
SQYCVSAEGLVHVWGTTEKSKEVCITIFNSSIKGSLWIPVVAALLLFLVLSLVFICFYIKKINPLKEKS
IILPKSLISVRSATLETKPESKYVSLITSYQPFLEKEVVCEEPLSPATVPGMHTEDNPGKVEHTEELS
SITEVVTTEENIPDVVPGSHLTPIERESSPLSSNQSEPGSIALNSYHSRNCSESDHSRNGFDTDSSCLE
SHSSLSDSEFPNNKGEIKTEGQELITVIKAPTSFGYDKPHVLDLLVDDSGKESLIGYRPTEDSKEFS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_000407
RefSeq Size:	2059
RefSeq ORF:	1467
Synonyms:	CD119; IFNGR; IMD27A; IMD27B



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Locus ID: 3459

UniProt ID: [P15260](#), [A0A0S2Z3Y2](#)

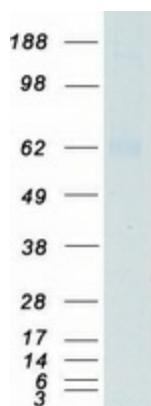
Cytogenetics: 6q23.3

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]).