

Product datasheet for **RC200674L4V**

IFNGR2 (NM_005534) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IFNGR2 (NM_005534) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IFNGR2
Synonyms:	AF-1; IFGR2; IFNGT1; IMD28
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005534
ORF Size:	1011 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200674).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_005534.2
RefSeq Size:	2219 bp
RefSeq ORF:	1014 bp
Locus ID:	3460
UniProt ID:	P38484
Cytogenetics:	21q22.11
Domains:	FN3
Protein Families:	Druggable Genome, Transmembrane



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

MW: 37.81 kDa

Gene 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]