

Product datasheet for RC202761L2

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OriGene Technologies, Inc.

IFNGR1 (NM_000416) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: IFNGR1 (NM_000416) Human Tagged Lenti ORF Clone

Tag: mGFP
Symbol: IFNGR1

Synonyms: CD119; IFNGR; IMD27A; IMD27B

Mammalian Cell None

Selection:

Vector: pLenti-C-mGFP (PS100071)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC202761).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





 $[\]ensuremath{^*}$ The last codon before the Stop codon of the ORF.

ACCN: NM_000416

ORF Size: 1467 bp



IFNGR1 (NM_000416) Human Tagged Lenti ORF Clone - RC202761L2

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 000416.1</u>

 RefSeq Size:
 2059 bp

 RefSeq ORF:
 1470 bp

 Locus ID:
 3459

 UniProt ID:
 P15260

Cytogenetics: 6q23.3

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

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

mediated cytotoxicity

MW: 54.4 kDa

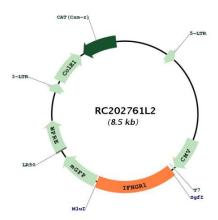
Gene Summary: This gene (IFNGR1) encodes the ligand-binding chain (alpha) of the gamma interferon

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]



Product images:



Circular map for RC202761L2