

# **Product datasheet for RC211169L3**

#### OriGene Technologies, Inc.

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## Interferon alpha 8 (IFNA8) (NM\_002170) Human Tagged Lenti ORF Clone

### **Product data:**

**Product Type:** Expression Plasmids

Product Name: Interferon alpha 8 (IFNA8) (NM\_002170) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Interferon alpha 8

Synonyms: IFN-alphaB Mammalian Cell Puromycin

Selection:

**Vector:** pLenti-C-Myc-DDK-P2A-Puro (PS100092)

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

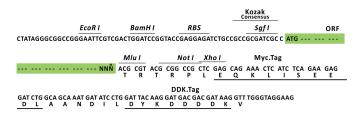
**ORF Nucleotide** The ORF insert of this clone is exactly the same as(RC211169).

Sequence:

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





st The last codon before the Stop codon of the ORF.

ACCN: NM\_002170

ORF Size: 567 bp





### Interferon alpha 8 (IFNA8) (NM\_002170) Human Tagged Lenti ORF Clone - RC211169L3

**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 002170.3</u>

 RefSeq Size:
 1039 bp

 RefSeq ORF:
 570 bp

 Locus ID:
 3445

 UniProt ID:
 P32881

 Cytogenetics:
 9p21.3

**Protein Families:** Druggable Genome, Secreted Protein

**Protein Pathways:** Antigen processing and presentation, Autoimmune thyroid disease, Cytokine-cytokine

receptor interaction, Cytosolic DNA-sensing pathway, Jak-STAT signaling pathway, Natural killer cell mediated cytotoxicity, Regulation of autophagy, RIG-I-like receptor signaling

pathway, Toll-like receptor signaling pathway

MW: 22 kDa

**Gene Summary:** Produced by macrophages, IFN-alpha have antiviral activities. Interferon stimulates the

production of two enzymes: a protein kinase and an oligoadenylate synthetase.

[UniProtKB/Swiss-Prot Function]