

## **Product datasheet for RC222484L3**

## https://www.origene.com techsupport@origene.com EU: info-de@origene.com

EU: info-de@origene.com CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436

**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

## IFNW1 (NM\_002177) Human Tagged Lenti ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

Product Name: IFNW1 (NM 002177) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: IFNW1

Mammalian Cell Puromycin

Selection:

Vector:

pLenti-C-Myc-DDK-P2A-Puro (PS100092)

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

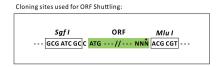
ORF Nucleotide

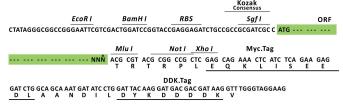
The ORF insert of this clone is exactly the same as(RC222484).

Sequence:

Restriction Sites: Sgfl-Mlul

**Cloning Scheme:** 





<sup>\*</sup> The last codon before the Stop codon of the ORF.

**ACCN:** NM\_002177

ORF Size: 585 bp

## IFNW1 (NM\_002177) Human Tagged Lenti ORF Clone - RC222484L3

**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 002177.1</u>

 RefSeq Size:
 1514 bp

 RefSeq ORF:
 588 bp

 Locus ID:
 3467

 UniProt ID:
 P05000

Cytogenetics: 9p21.3

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

**Protein Pathways:** Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway, RIG-I-like receptor

signaling pathway

MW: 22.3 kDa

**Gene Summary:** The protein encoded by this gene is an interferon and possesses antiviral activity. The

encoded protein binds to the interferon alpha/beta receptor but not to the interferon gamma

receptor. This intronless gene has several pseudogenes spread throughout the genome.

[provided by RefSeq, Nov 2015]