

Product datasheet for RC221055L4

IFNK (NM_020124) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: IFNK (NM_020124) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: IFNK

Synonyms: IFNT1; INFE1

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

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

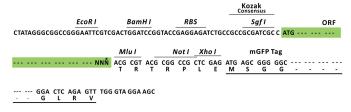
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC221055).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.



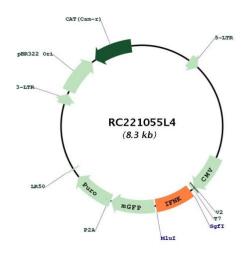
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Plasmid Map:



ACCN: NM_020124

ORF Size: 621 bp

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 020124.1</u>

RefSeq Size: 1164 bp RefSeq ORF: 624 bp



IFNK (NM_020124) Human Tagged Lenti ORF Clone - RC221055L4

 Locus ID:
 56832

 UniProt ID:
 Q9P0W0

 Cytogenetics:
 9p21.2

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

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

signaling pathway

MW: 22.1 kDa

Gene Summary: This gene encodes a member of the type I interferon family. Type I interferons are a group of

related glycoproteins that play an important role in host defenses against viral infections. This protein is expressed in keratinocytes and the gene is found on chromosome 9, adjacent to

the type I interferon cluster. [provided by RefSeq, Jul 2008]