

Product datasheet for RC219027L3

OriGene Technologies, Inc.

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IL29 (IFNL1) (NM_172140) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: IL29 (IFNL1) (NM_172140) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: IL29

Synonyms: IL-29; IL29

Mammalian Cell Puromycin

Selection:

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

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

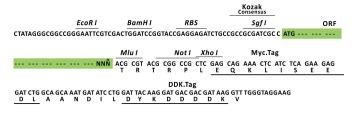
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC219027).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_172140

ORF Size: 600 bp





IL29 (IFNL1) (NM_172140) Human Tagged Lenti ORF Clone - RC219027L3

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 172140.1</u>

 RefSeq Size:
 856 bp

 RefSeq ORF:
 603 bp

 Locus ID:
 282618

 UniProt ID:
 Q8IU54

 Cytogenetics:
 19q13.2

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

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

MW: 21.9 kDa

Gene Summary: This gene encodes a cytokine distantly related to type I interferons and the IL-10 family. This

gene, interleukin 28A (IL28A), and interleukin 28B (IL28B) are three closely related cytokine genes that form a cytokine gene cluster on a chromosomal region mapped to 19q13. Expression of the cytokines encoded by the three genes can be induced by viral infection. All

three cytokines have been shown to interact with a heterodimeric class II cytokine receptor that consists of interleukin 10 receptor, beta (IL10RB) and interleukin 28 receptor, alpha

(IL28RA). [provided by RefSeq, Jul 2008]