

Product datasheet for RC212460L3

OriGene Technologies, Inc.

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IL1RA (IL1RN) (NM_000577) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: IL1RA (IL1RN) (NM_000577) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: IL1RA

Synonyms: DIRA; ICIL-1RA; IL-1ra; IL-1ra3; IL-1RN; IL1F3; IL1RA; IRAP; MVCD4

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(RC212460).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_000577

ORF Size: 477 bp



IL1RA (IL1RN) (NM_000577) Human Tagged Lenti ORF Clone - RC212460L3

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: NM 000577.3

RefSeq Size: 1802 bp

RefSeq ORF: 480 bp

Locus ID: **UniProt ID:** P18510

Cytogenetics: 2q14.1

Protein Families: Druggable Genome, Secreted Protein

3557

MW: 17.9 kDa

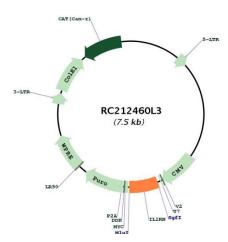
Gene Summary: The protein encoded by this gene is a member of the interleukin 1 cytokine family. This

> protein inhibits the activities of interleukin 1, alpha (IL1A) and interleukin 1, beta (IL1B), and modulates a variety of interleukin 1 related immune and inflammatory responses, particularly in the acute phase of infection and inflammation. This gene and five other closely related cytokine genes form a gene cluster spanning approximately 400 kb on chromosome 2. A polymorphism of this gene is reported to be associated with increased risk of osteoporotic fractures and gastric cancer. Several alternatively spliced transcript variants encoding distinct

isoforms have been reported. [provided by RefSeq, Aug 2020]



Product images:



Circular map for RC212460L3