

## Product datasheet for **RC214376L3V**

### IL1RA (IL1RN) (NM\_173841) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	IL1RA (IL1RN) (NM_173841) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IL1RA
Synonyms:	DIRA; ICIL-1RA; IL-1ra; IL-1ra3; IL-1RN; IL1F3; IL1RA; IRAP; MVCD4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_173841
ORF Size:	540 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214376).
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. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_173841.1</a>
RefSeq Size:	1865 bp
RefSeq ORF:	543 bp
Locus ID:	3557
UniProt ID:	<a href="#">P18510</a>
Cytogenetics:	2q14.1
Protein Families:	Druggable Genome, Secreted Protein
MW:	19.7 kDa



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**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]