

Product datasheet for **RC210412L4V**

IL1 Receptor I (IL1R1) (NM_000877) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IL1 Receptor I (IL1R1) (NM_000877) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IL1 Receptor I
Synonyms:	CD121A; D2S1473; IL-1R-alpha; IL1R; IL1RA; P80
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000877
ORF Size:	1707 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210412).
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.
RefSeq:	NM_000877.2
RefSeq Size:	4909 bp
RefSeq ORF:	1710 bp
Locus ID:	3554
UniProt ID:	P14778
Cytogenetics:	2q11.2-q12.1
Domains:	TIR, IG
Protein Families:	Druggable Genome, Transmembrane



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Protein Pathways: Apoptosis, Cytokine-cytokine receptor interaction, Hematopoietic cell lineage, MAPK signaling pathway

MW: 65.4 kDa

Gene Summary: This gene encodes a cytokine receptor that belongs to the interleukin-1 receptor family. The encoded protein is a receptor for interleukin-1 alpha, interleukin-1 beta, and interleukin-1 receptor antagonist. It is an important mediator involved in many cytokine-induced immune and inflammatory responses. This gene is located in a cluster of related cytokine receptor genes on chromosome 2q12. [provided by RefSeq, Dec 2013]