

## Product datasheet for **RC210168L4V**

### **IL18R1 (NM\_003855) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	IL18R1 (NM_003855) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IL18R1
Synonyms:	CD218a; CDw218a; IL-1Rrp; IL-18R-alpha; IL-18Ralpha; IL1RRP; IL18RA; IL18Ralpha2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003855
ORF Size:	1623 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210168).
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_003855.2</a>
RefSeq Size:	3522 bp
RefSeq ORF:	1626 bp
Locus ID:	8809
UniProt ID:	<a href="#">Q13478</a>
Cytogenetics:	2q12.1
Domains:	TIR, IG
Protein Families:	Druggable Genome, Transmembrane



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**Protein Pathways:** Cytokine-cytokine receptor interaction

**MW:** 62.3 kDa

**Gene Summary:** The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1 receptor family. This receptor specifically binds interleukin 18 (IL18), and is essential for IL18 mediated signal transduction. IFN-alpha and IL12 are reported to induce the expression of this receptor in NK and T cells. This gene along with four other members of the interleukin 1 receptor family, including IL1R2, IL1R1, ILRL2 (IL-1Rrp2), and IL1RL1 (T1/ST2), form a gene cluster on chromosome 2q. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2013]