

## Product datasheet for **RC202084L4V**

### IL1 alpha (IL1A) (NM\_000575) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	IL1 alpha (IL1A) (NM_000575) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IL1 alpha
Synonyms:	IL-1 alpha; IL-1A; IL1; IL1-ALPHA; IL1F1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000575
ORF Size:	813 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202084).
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_000575.3</a>
RefSeq Size:	2943 bp
RefSeq ORF:	816 bp
Locus ID:	3552
UniProt ID:	<a href="#">P01583</a>
Cytogenetics:	2q14.1
Protein Families:	Druggable Genome, Secreted Protein



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<b>Protein Pathways:</b>	Apoptosis, Cytokine-cytokine receptor interaction, Graft-versus-host disease, Hematopoietic cell lineage, MAPK signaling pathway, Prion diseases, Type I diabetes mellitus
<b>MW:</b>	30.6 kDa
<b>Gene Summary:</b>	The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine is a pleiotropic cytokine involved in various immune responses, inflammatory processes, and hematopoiesis. This cytokine is produced by monocytes and macrophages as a proprotein, which is proteolytically processed and released in response to cell injury, and thus induces apoptosis. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. It has been suggested that the polymorphism of these genes is associated with rheumatoid arthritis and Alzheimer's disease. [provided by RefSeq, Jul 2008]