

Product datasheet for **RC210109L4V**

IL3 (NM_000588) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IL3 (NM_000588) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IL3
Synonyms:	IL-3; MCGF; MULTI-CSF
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000588
ORF Size:	456 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210109).
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_000588.3
RefSeq Size:	924 bp
RefSeq ORF:	459 bp
Locus ID:	3562
UniProt ID:	P08700
Cytogenetics:	5q31.1
Protein Families:	Druggable Genome, Secreted Protein



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Protein Pathways:	Apoptosis, Asthma, Cytokine-cytokine receptor interaction, Fc epsilon RI signaling pathway, Hematopoietic cell lineage, Jak-STAT signaling pathway
MW:	17.2 kDa
Gene Summary:	The protein encoded by this gene is a potent growth promoting cytokine. This cytokine is capable of supporting the proliferation of a broad range of hematopoietic cell types. It is involved in a variety of cell activities such as cell growth, differentiation and apoptosis. This cytokine has been shown to also possess neurotrophic activity, and it may be associated with neurologic disorders. [provided by RefSeq, Jul 2008]