

Product datasheet for **RC206420L4V**

IL3RA (NM_002183) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IL3RA (NM_002183) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IL3RA
Synonyms:	CD123; hIL-3Ra; IL3R; IL3RAY; IL3RX; IL3RY
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002183
ORF Size:	1134 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206420).
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_002183.2
RefSeq Size:	1726 bp
RefSeq ORF:	1137 bp
Locus ID:	3563
UniProt ID:	P26951
Cytogenetics:	X;Y
Protein Families:	Transmembrane



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Protein Pathways:	Apoptosis, Cytokine-cytokine receptor interaction, Hematopoietic cell lineage, Jak-STAT signaling pathway
MW:	43.33 kDa
Gene Summary:	<p>The protein encoded by this gene is an interleukin 3 specific subunit of a heterodimeric cytokine receptor. The receptor is comprised of a ligand specific alpha subunit and a signal transducing beta subunit shared by the receptors for interleukin 3 (IL3), colony stimulating factor 2 (CSF2/GM-CSF), and interleukin 5 (IL5). The binding of this protein to IL3 depends on the beta subunit. The beta subunit is activated by the ligand binding, and is required for the biological activities of IL3. This gene and the gene encoding the colony stimulating factor 2 receptor alpha chain (CSF2RA) form a cytokine receptor gene cluster in a X-Y pseudoautosomal region on chromosomes X or Y. Alternatively spliced transcript variants encoding distinct isoforms have been found. [provided by RefSeq, Jun 2012]</p>