

Product datasheet for **RC204898L4V**

IL2 Receptor gamma (IL2RG) (NM_000206) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IL2 Receptor gamma (IL2RG) (NM_000206) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IL2 Receptor gamma
Synonyms:	CD132; CIDX; IL-2RG; IMD4; P64; SCIDX; SCIDX1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000206
ORF Size:	1107 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204898).
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_000206.1
RefSeq Size:	1560 bp
RefSeq ORF:	1110 bp
Locus ID:	3561
UniProt ID:	P31785
Cytogenetics:	Xq13.1
Protein Families:	Druggable Genome, Transmembrane


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Protein Pathways:	Cytokine-cytokine receptor interaction, Endocytosis, Jak-STAT signaling pathway, Primary immunodeficiency
MW:	42.3 kDa
Gene Summary:	The protein encoded by this gene is an important signaling component of many interleukin receptors, including those of interleukin -2, -4, -7 and -21, and is thus referred to as the common gamma chain. Mutations in this gene cause X-linked severe combined immunodeficiency (XSCID), as well as X-linked combined immunodeficiency (XCID), a less severe immunodeficiency disorder. [provided by RefSeq, Mar 2010]