

## Product datasheet for **RC209687L1V**

### IL7R alpha (IL7R) (NM\_002185) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	IL7R alpha (IL7R) (NM_002185) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IL7R alpha
Synonyms:	CD127; CDW127; IL-7R-alpha; IL7RA; ILRA
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_002185
ORF Size:	1377 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209687).
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_002185.2</a>
RefSeq Size:	4617 bp
RefSeq ORF:	1380 bp
Locus ID:	3575
UniProt ID:	<a href="#">P16871</a>
Cytogenetics:	5p13.2
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane



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<b>Protein Pathways:</b>	Cytokine-cytokine receptor interaction, Hematopoietic cell lineage, Jak-STAT signaling pathway, Primary immunodeficiency
<b>MW:</b>	51.6 kDa
<b>Gene Summary:</b>	The protein encoded by this gene is a receptor for interleukin 7 (IL7). The function of this receptor requires the interleukin 2 receptor, gamma chain (IL2RG), which is a common gamma chain shared by the receptors of various cytokines, including interleukins 2, 4, 7, 9, and 15. This protein has been shown to play a critical role in V(D)J recombination during lymphocyte development. Defects in this gene may be associated with severe combined immunodeficiency (SCID). Alternatively spliced transcript variants have been found. [provided by RefSeq, Dec 2015]