

Product datasheet for **RC209337L4V**

IL27 (NM_145659) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IL27 (NM_145659) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IL27
Synonyms:	IL-27; IL-27A; IL27A; IL27p28; IL30; p28
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_145659
ORF Size:	729 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209337).
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_145659.3 , NP_663634.2
RefSeq Size:	1044 bp
RefSeq ORF:	732 bp
Locus ID:	246778
UniProt ID:	Q8NEV9
Cytogenetics:	16p12.1-p11.2
Protein Families:	Druggable Genome, Transmembrane
MW:	27.5 kDa


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Gene Summary:

The protein encoded by this gene is one of the subunits of a heterodimeric cytokine complex. This protein is related to interleukin 12A (IL12A). It interacts with Epstein-Barr virus induced gene 3 (EBI3), a protein similar to interleukin 12B (IL12B), and forms a complex that has been shown to drive rapid expansion of naive but not memory CD4(+) T cells. The complex is also found to synergize strongly with interleukin 12 to trigger interferon gamma (IFNG) production of naive CD4(+) T cells. The biological effects of this cytokine are mediated by the class I cytokine receptor (WSX1/TCRR). [provided by RefSeq, Jul 2008]