

Product datasheet for **RC221477L3V**

IL18R Beta (IL18RAP) (NM_003853) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IL18R Beta (IL18RAP) (NM_003853) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IL18R Beta
Synonyms:	ACPL; CD218b; CDw218b; IL-1R-7; IL-1R7; IL-1RAcPL; IL-18R-beta; IL-18RAcP; IL-18Rbeta; IL18RB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003853
ORF Size:	1797 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221477).
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_003853.2
RefSeq Size:	2672 bp
RefSeq ORF:	1800 bp
Locus ID:	8807
UniProt ID:	O95256
Cytogenetics:	2q12.1
Domains:	TIR, IG



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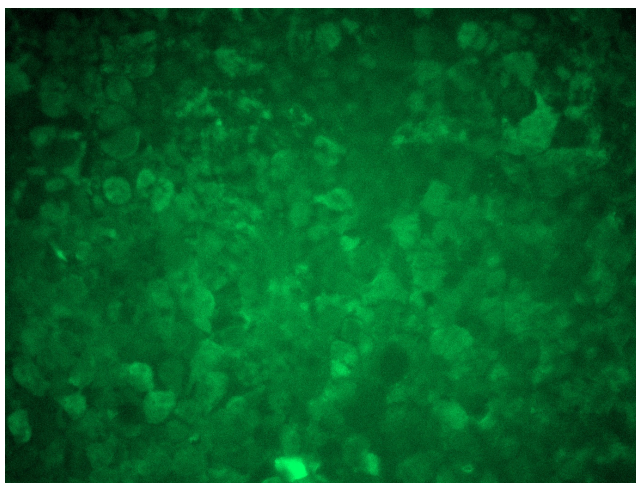
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

MW: 68.3 kDa

Gene Summary: The protein encoded by this gene is an accessory subunit of the heterodimeric receptor for interleukin 18 (IL18), a proinflammatory cytokine involved in inducing cell-mediated immunity. This protein enhances the IL18-binding activity of the IL18 receptor and plays a role in signaling by IL18. Mutations in this gene are associated with Crohn's disease and inflammatory bowel disease, and susceptibility to celiac disease and leprosy. Alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Feb 2014]

Product images:



[RC221477L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC221477L3V particle to overexpress human IL18RAP-Myc-DDK fusion protein.