

## Product datasheet for **RC219949L2V**

### LILRB1 (NM\_006669) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	LILRB1 (NM_006669) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LILRB1
Synonyms:	CD85J; ILT-2; ILT2; LIR-1; LIR1; MIR-7; MIR7; PIR-B; PIRB
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_006669
ORF Size:	1950 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219949).
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_006669.2</a> , <a href="#">NP_006660.1</a>
RefSeq Size:	3229 bp
RefSeq ORF:	1953 bp
Locus ID:	10859
UniProt ID:	<a href="#">Q8NHL6</a>
Cytogenetics:	19q13.42
Domains:	ig, IGc2, IG
Protein Families:	Transmembrane

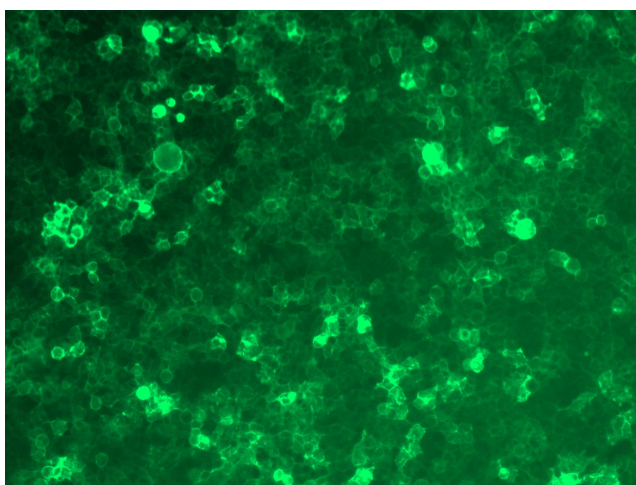


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MW: 70.8 kDa

**Gene Summary:** This gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13.4. The encoded protein belongs to the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin domains, a transmembrane domain, and two to four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). The receptor is expressed on immune cells where it binds to MHC class I molecules on antigen-presenting cells and transduces a negative signal that inhibits stimulation of an immune response. It is thought to control inflammatory responses and cytotoxicity to help focus the immune response and limit autoreactivity. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

### Product images:



[RC219949L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC219949L2V particle to overexpress human LILRB1-mGFP fusion protein.