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Product datasheet for RC218064L4V

LILRB3 (NM_001081450) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LILRB3 (NM_001081450) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LILRB3
Synonyms:	CD85A; HL9; ILT-5; ILT5; LILRA6; LIR-3; LIR3; PIR-B; PIRB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001081450
ORF Size:	1896 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218064).
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_001081450.1, NP_001074919.1
RefSeq Size:	2843 bp
RefSeq ORF:	1899 bp
Locus ID:	11025
Cytogenetics:	19q13.42
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	B cell receptor signaling pathway
MW:	69.3 kDa

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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]