

Product datasheet for **RC212310L4V**

LILRA5 (NM_021250) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type: | Lentiviral Particles |
| Product Name: | LILRA5 (NM_021250) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | LILRA5 |
| Synonyms: | CD85; CD85F; ILT-11; ILT11; LILRB7; LIR-9; LIR9 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_021250 |
| ORF Size: | 897 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC212310). |
| 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_021250.2 |
| RefSeq Size: | 1365 bp |
| RefSeq ORF: | 900 bp |
| Locus ID: | 353514 |
| UniProt ID: | A6NI73 |
| Cytogenetics: | 19q13.42 |
| MW: | 32.6 kDa |



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Gene Summary:

The protein encoded by this gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family. LIR family members are known to have activating and inhibitory functions in leukocytes. Crosslink of this receptor protein on the surface of monocytes has been shown to induce calcium flux and secretion of several proinflammatory cytokines, which suggests the roles of this protein in triggering innate immune responses. This gene is one of the leukocyte receptor genes that form a gene cluster on the chromosomal region 19q13.4. Four alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jul 2008]