

Product datasheet for **MR220585L4V**

Il18rap (NM_010553) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

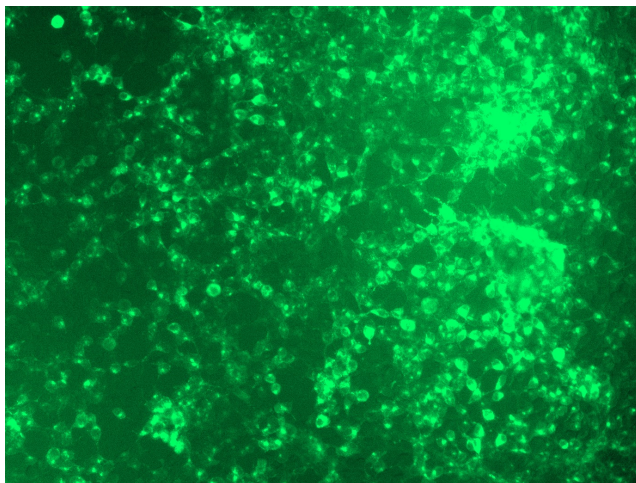
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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Il18rap (NM_010553) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Il18rap |
| Synonyms: | AcPL; IL-1RAcPL; IL-18R-beta; IL-18RAcP; IL-18Rbeta |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_010553 |
| ORF Size: | 1842 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR220585). |
| 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_010553.3 , NP_034683.1 |
| RefSeq Size: | 2496 bp |
| RefSeq ORF: | 1845 bp |
| Locus ID: | 16174 |
| UniProt ID: | Q9Z2B1 |
| Cytogenetics: | 1 B |



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Gene Summary:

Interleukin-18 (or interferon-gamma inducing factor) is a proinflammatory cytokine that induces cell-mediated immunity following microbial infection. This gene encodes a member of the interleukin-1 receptor family. The encoded protein is an accessory subunit of the receptor for interleukin-18 and mediates signaling through this cytokine. Mice lacking this gene exhibit a defective cell-mediated immune response. [provided by RefSeq, Jan 2014]

Product images:

[MR220585L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR220585L4V particle to overexpress human Il18rap-mGFP fusion protein.