

## Product datasheet for **RC227245L4V**

### IL18BP (NM\_001145055) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | IL18BP (NM_001145055) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | IL18BP   |
| Synonyms:                 | FVH; IL18BPa   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_001145055   |
| ORF Size:                 | 345 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC227245).   |
| 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_001145055.1</a> , <a href="#">NP_001138527.1</a>  |
| RefSeq ORF:               | 348 bp   |
| Locus ID:                 | 10068  |
| UniProt ID:               | <a href="#">O95998</a>   |
| Cytogenetics:             | 11q13.4  |
| Protein Families:         | Druggable Genome, Secreted Protein   |
| MW:                       | 12.22 kDa  |



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**Gene Summary:**

The protein encoded by this gene functions as an inhibitor of the proinflammatory cytokine, IL18. It binds IL18, prevents the binding of IL18 to its receptor, and thus inhibits IL18-induced IFN-gamma production, resulting in reduced T-helper type 1 immune responses. This protein is constitutively expressed and secreted in mononuclear cells. Elevated level of this protein is detected in the intestinal tissues of patients with Crohn's disease. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Feb 2011]