

Product datasheet for **MR227281L1V**

Il6 (NM_031168) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type: | Lentiviral Particles |
| Product Name: | Il6 (NM_031168) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Il6 |
| Synonyms: | Il; Il-6 |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-Myc-DDK (PS100064) |
| Tag: | Myc-DDK |
| ACCN: | NM_031168 |
| ORF Size: | 633 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR227281). |
| 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_031168.1 |
| RefSeq Size: | 1087 bp |
| RefSeq ORF: | 636 bp |
| Locus ID: | 16193 |
| UniProt ID: | P08505 |
| Cytogenetics: | 5 15.7 cM |


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Gene Summary:

This gene encodes a member of the interleukin family of cytokines that have important functions in immune response, hematopoiesis, inflammation and the acute phase response. The ectopic overexpression of the encoded protein in mice results in excessive plasma cells in circulation, leading to death. Mice lacking the encoded protein exhibit abnormalities in hepatic acute phase response, some immune mechanisms, bone resorption in response to estrogen, liver regeneration and wound healing. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2015]