

## Active Recombinant Mouse Il1b

**Cat. No.** Il1b-603M    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Mouse Il1b (Accession # NP_032387) Val118-Ser269, fused with an N-terminal Met, was produced in E. coli.                                                                                                                                      |
| <b>Species</b>              | Mouse                                                                                                                                                                                                                                                     |
| <b>Source</b>               | E.coli                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>        | Val118-Ser269                                                                                                                                                                                                                                             |
| <b>Predicted N Terminal</b> | Met                                                                                                                                                                                                                                                       |
| <b>Form</b>                 | Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.                                                                                                                                                                          |
| <b>Bio-activity</b>         | Measured in a cell proliferation assay using D10.G4.1 mouse helper T cells. Symons, J.A. et al. (1987) in Lymphokines and Interferons, a Practical Approach. Clemens, M.J. et al. (eds): IRL Press. 272.The ED50 for this effect is typically 2-10 pg/mL. |
| <b>Molecular Mass</b>       | Recombinant Mouse Il1b, Met-tagged has a calculated MW of 17 kDa.                                                                                                                                                                                         |
| <b>Purity</b>               | >97%, by SDS-PAGE under reducing conditions and visualized by silver stain.                                                                                                                                                                               |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).                                                             |

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## GENE INFORMATION

|                 |                                                                           |
|-----------------|---------------------------------------------------------------------------|
| Gene Name       | Il1b interleukin 1 beta [ Mus musculus ]                                  |
| Official Symbol | Il1b                                                                      |
| Synonyms        | IL1B; interleukin 1 beta; interleukin-1 beta; IL-1 beta; Il-1b; IL-1beta; |
| Gene ID         | 16176                                                                     |
| mRNA Refseq     | NM_008361                                                                 |
| Protein Refseq  | NP_032387                                                                 |
| MIM             |                                                                           |

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