

Active Recombinant Mouse Il1b

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

SPECIFICATION

Product Overview	Recombinant Mouse Il1b (Accession # NP_032387) Val118-Ser269, fused with an N-terminal Met, was produced in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Val118-Ser269
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.
Bio-activity	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.
Molecular Mass	Recombinant Mouse Il1b, Met-tagged has a calculated MW of 17 kDa.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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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