

Active Recombinant Mouse Il1b protein

Cat. No. Il1b-383M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il1b protein(P10749)(Val118-Ser269) was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Val118-Ser269
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	1. Measured by its ability to induce Interferon gamma secretion by human natural killer lymphoma NK-92 cells. The ED50 for this effect is typically 6-30 ng/mL.
Molecular Mass	The recombinant mouse IL1 β consists of 153 amino acids and has a predicted molecular mass of 17.5 kDa. It migrates as an approximately 19 kDa band in SDS-PAGE under reducing conditions as predicted.
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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