

Active Recombinant Mouse IL1B protein, His-tagged

Cat. No. IL1B-1603M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL1B protein(Val118-Ser269), fused with His tag, was expressed in E.coli .
Species	Mouse
Source	E.coli
ProteinLength	118-269 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
Bio-activity	Immobilized Mouse IL-1 beta, His Tag at 10 µg/mL (100 µL/well) can bind Human IL-1 RII, Fc Tag with a linear range of 20-156 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminus.The protein has a calculated MW of 19.3 kDa. The protein migrates as 19-20 kDa under reducing (R) condition (SDS-PAGE).
Proteinlength	Val118-Ser269
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

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lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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*]

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

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