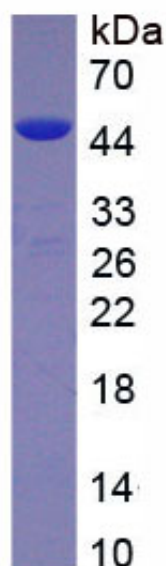


Recombinant Mouse IL1b protein, N-His-GST Tag

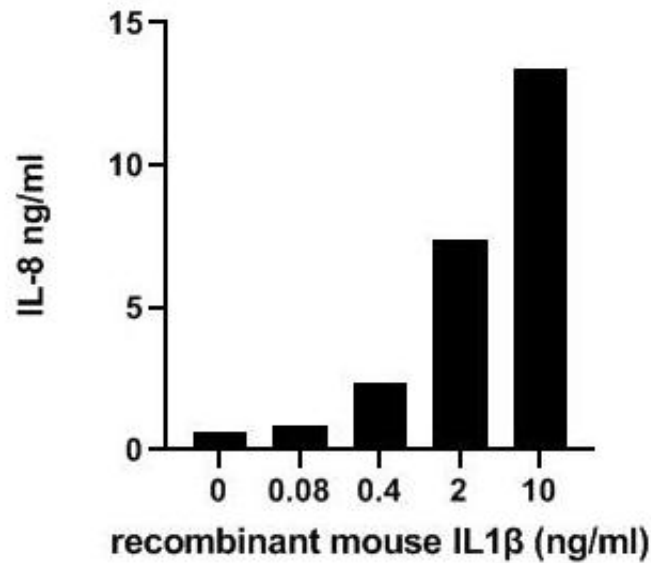
Product Information

Cat	IMP-2866
Official Symbol	IL1b
Product Overview	Recombinant Mouse IL1b protein(Val118~Ser269), fused with N-terminal His and GST Tag , was expressed in <i>E. coli</i> .
Expression System	<i>E. coli</i>
Species	Mouse
Tag	N-His-GST Tag
Form	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose
Molecular Mass	46kDa
Protein length	Val118~Ser269
Purity	> 95%
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
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.

SDS-PAGE



Bioactivity-ELISA 1



Interleukin 1 beta (IL-1 β) also known as leukocytic pyrogen, leukocytic endogenous mediator, mononuclear cell factor, lymphocyte activating factor and other names, is a member of the interleukin 1 family of cytokines. This cytokine is an important mediator of the inflammatory response, and is involved in a variety of cellular activities, including cell proliferation, differentiation, and apoptosis. It has been reported that IL-1 β can induced IL-8 production in A549 cells. To test the bioactivity of IL-1 β , A549 cells were seeded into 24-well plate at a density of 1×10^5 cells/mL, and allowed to attach overnight before treated with certain concentrations of IL-1 β for 24h and IL-8 levels in the cell supernatant were determined by ELISA