

Mouse Interleukin-1 Beta (IL1B) Protein

Catalogue No.: abx067390

Recombinant Interleukin-1 Beta (IL1B) is a recombinant Mouse protein produced in a Prokaryotic expression system (E. coli).

Target: Interleukin-1 Beta (IL1B)

Research Area: Tumor Immunity, Infection Immunity

Origin: Mouse

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Activity: Not tested

Purity: > 95%

Reconstitution: To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH₂O. If a lower concentration is required, dilute in 20 mM Tris, 150 mM NaCl, pH 8.0. If a higher concentration is required, the product can be reconstituted directly in 20 mM Tris, 150 mM NaCl, pH 8.0, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.

Storage: Store at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P10749 ([UniProt](#), [ExPASy](#))

Gene Symbol: IL1B

GeneID: [16176](#)

KEGG: mmu:16176

String: [10090.ENSMUSP00000028881](#)

Datasheet

Version: 6.0.0
Revision date: 04 Oct 2025



Molecular Weight: Calculated MW: 46.6 kDa
Observed MW (SDS-PAGE): 46 kDa

Sequence Fragment: Val118-Ser269

Sequence: VPI RQLHYRLRDE QQKSLVLSDP YELKALHLNG QNINQQVIFS MSFVQGEP SN DKIPVALGLK
GKNLYLSCVM KDGTPTLQLE SVDPKQYPKK KMEKRFVFNK IEVKSKEFE SAEFPNWWIS
TSQAEHKPVF LGNNSGQDII DFTMESVSS

Tag: N-terminal His tag and GST tag

Buffer: Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01% Sarcosyl, 5% Trehalose and Proclin-300.

Concentration: Prior to lyophilization: 200 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only