

RPA563Hu01 50µg

Recombinant Interleukin 1 Beta (IL1b)

**Organism Species: Homo sapiens (Human)** 

Instruction manual

# FOR IN VITRO USE AND RESEARCH USE ONLY NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)



## [PROPERTIES]

**Source:** Prokaryotic expression.

Host: E. coli

Residues: Ala117~Ser269 Tags: N-terminal His-Tag

Tissue Specificity: Skin, Lung.
Subcellular Location: Secreted.

**Purity: >95%** 

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA,

1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Original Concentration: 200ug/mL

Applications: SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive

Labeling.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 7.1

Predicted Molecular Mass: 21.1kDa

Accurate Molecular Mass: 21kDa as determined by SDS-PAGE reducing conditions.

## [USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

#### [ STORAGE AND STABILITY ]

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

# [SEQUENCE]

APVR SLNCTLRDSQ QKSLVMSGPY ELKALHLQGQ DMEQQVVFSM SFVQGEESND KIPVALGLKE KNLYLSCVLK DDKPTLQLES VDPKNYPKKK MEKRFVFNKI EINNKLEFES AQFPNWYIST SQAENMPVFL GGTKGGQDIT DFTMQFVSS

## [ IDENTIFICATION ]

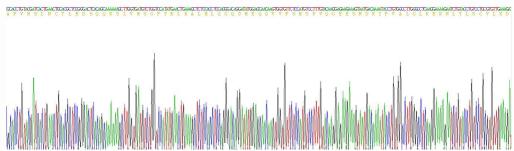


Figure 1. Gene Sequencing (Extract)

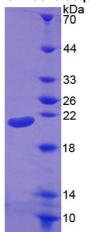


Figure 2. SDS-PAGE