RPA563Po01 10µg

Recombinant Interleukin 1 Beta (IL1b)

Organism Species: Sus scrofa; Porcine (Pig)

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: Val95~Met262

Tags: N-terminal His-Tag

Tissue Specificity: Liver.

Purity: >98%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl 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: 5.8

Predicted Molecular Mass: 20.4kDa

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

[USAGE]

Reconstitute in PBS (pH7.4) 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^{o}C for one month.

Aliquot and store at -80^{o}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^{o}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]

VFEEEP
IVLEKHANGF LCDATPVQSV DCKLQDKDEK ALVLAGPHEL KALHLLKGDL
KREVVFCMSF VQGDDSDDKI PVTLGIKGKN LYLSCVMKDD TPTLQLEDVD
PKSYPKRDME KRFVFYKTEI KNRVEFESAL YPNWYISTSQ AEQKPVFLGN
SKGRQDITDF TM

[IDENTIFICATION]

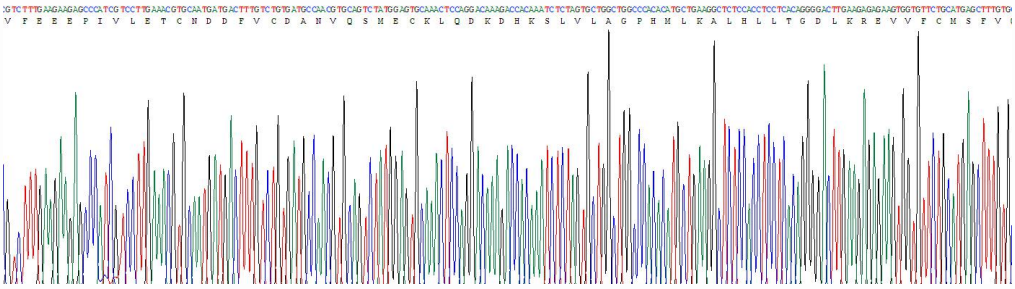

Figure 1. Gene Sequencing (Extract)

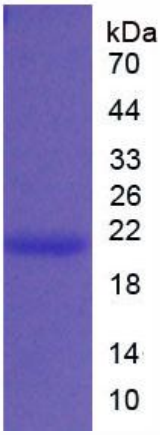

Figure 2. SDS-PAGE