

EPA563Hu61 10µg

Eukaryotic Interleukin 1 Beta (IL1b)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Eukaryotic expression

Host: 293F cell

Residues: Ala117~Ser269

Tags: N-terminal His Tag

Subcellular Location: Secreted, Lysosome, Cytoplasm

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 5% Trehalose.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

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

Predicted isoelectric point: 5.9

Predicted Molecular Mass: 19.0kDa

Accurate Molecular Mass: 22kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM 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°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 ELKALHLQGG
 DMEQQVVFSM SFVQGEESND KIPVALGLKE KNLYLSCVLK DDKPTLQLES
 VDPKNYPKKK MEKRFVFNKI EINNKFES AQFPNWIYST SQAENMPVFL
 GGTGGGQDIT DFTMQFVSS

[IDENTIFICATION]

TGACGCTG TGGGATGCTG AAC TGGAGC TGGGGG KTCACAGCAAAACCT TGG TGAATGCTGG TCAATGACTGAAAGCTCTGGAC TCGAGG KAGGATATGGACAGCAAGTGGGTC TCGATG TCGCTT TGGAGGAGAGAAAGTAAATGCAAAATACCTG TGGGCT TGGGCT TCGGAAAGAT
 A T T K S L S K C T L R S S Q K S L V K S G Y T E K A L S L Q G D E E Q Q V Y F S H S Y Y Q G E S K D R I P V A L G L K E K S I

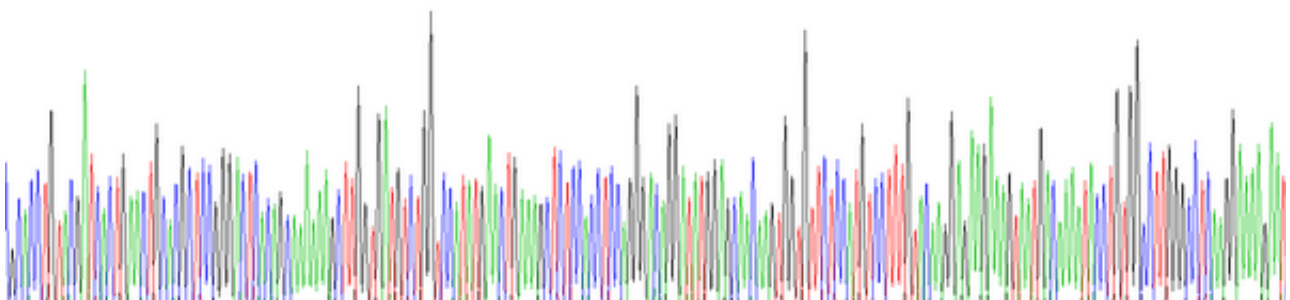


Figure . Gene Sequencing (extract)

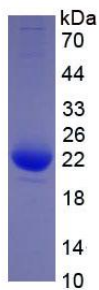


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.