

Interleukin 1 Beta Active Protein | IL1b active protein

Active Interleukin 1 Beta (IL1b)

CATALOG #
AAA150094

APPLICATIONS
Activity Assay, Cell Culture

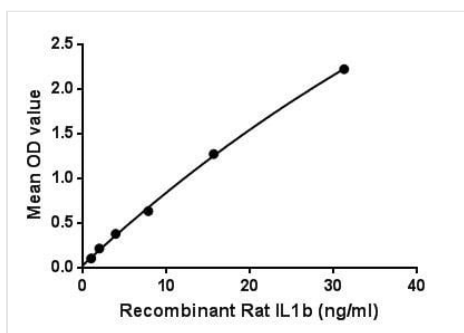
PRODUCT SYNONYMS

Interleukin 1 Beta; Active Interleukin 1 Beta (IL1b); IL1-B; IL1-Beta; IL1F2; IL-1beta; Interleukin-1 Family Member 2; Catabolin; IL1b active protein

PRODUCT SPECIFICATIONS

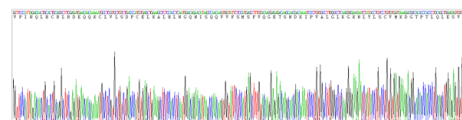
Purity/Purification	>95%
Form/Format	Freeze-dried powder PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Sequence Positions	Val117-Ser268
Sequence Length	268
Applicable Applications for IL1b active protein	Activity Assay, Cell Culture
Species	Rat
Tag	N-terminal His Tag
Isoelectric Point	8.4
Reconstitution	Reconstitute in 10mM PBS (pH7.6) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. Stability: 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 degree 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.

IMAGES



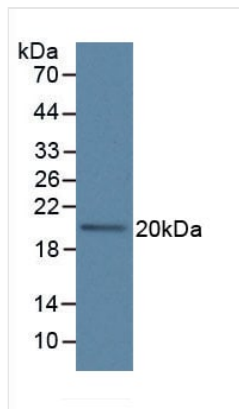
Bioactivity

Figure. The binding activity of IL1b with IL1R1.

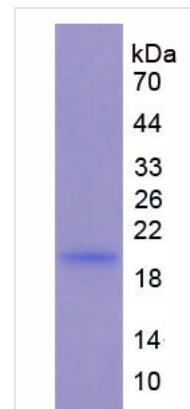


Gene Sequencing

Figure. Gene Sequencing (Extract)



WB (Western Blot)
Figure. Western Blot



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for IL1b active protein

Cytokine; Tumor immunity; Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	2497335
NCBI GeneID	24494
UniProt Accession #	Q63264
Molecular Weight	Predicted Molecular Mass: 18.2kDa Accurate Molecular Mass: 20kDa
NCBI Official Full Name	Interleukin-1 beta
NCBI Official Synonym Full Names	interleukin 1 beta
NCBI Official Symbol	IL1b
NCBI Official Synonym Symbols	IL-1F2
NCBI Protein Information	interleukin-1 beta
UniProt Protein Name	Interleukin-1 beta
UniProt Gene Name	IL1b
UniProt Synonym Gene Names	IL-1 beta
UniProt Entry Name	IL1B_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/il1b-active-protein/interleukin-1-beta/150094>