

## Interleukin 1 Beta (IL1b) Active Protein | IL1b active protein

Active Interleukin 1 Beta (IL1b)

|                               |                       |                                                     |
|-------------------------------|-----------------------|-----------------------------------------------------|
| CATALOG #<br><b>AAA152226</b> | HOST<br><b>E Coli</b> | APPLICATIONS<br><b>Activity Assay, Cell Culture</b> |
|-------------------------------|-----------------------|-----------------------------------------------------|

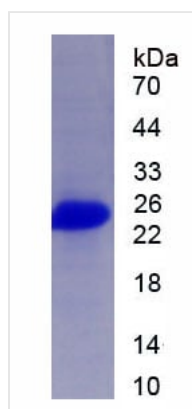
### PRODUCT SYNONYMS

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

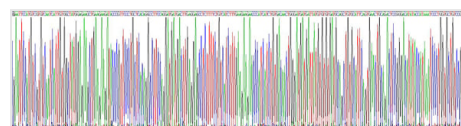
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                              |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                            | E Coli                                                                                                       |
| Purity/Purification                             | Greater than 90% by SDS-PAGE                                                                                 |
| Form/Format                                     | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.<br>Freeze-dried powder               |
| Sequence                                        | His63~Val2 47                                                                                                |
| Applicable Applications for IL1b active protein | Activity Assay, Cell Culture                                                                                 |
| Species                                         | Horse                                                                                                        |
| Isoelectric Point                               | 5.7                                                                                                          |
| Tag                                             | N-terminal His Tag                                                                                           |
| Endotoxin Level                                 | <1.0EU per 1ug (determined by the LAL method)                                                                |
| Reconstitution                                  | Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0mg/mL. Do not vortex.                          |
| Preparation and Storage                         | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored. |

### IMAGES



SDS-PAGE  
SDS-PAGE



Sequence  
Gene Sequencing (extract)

ADDITIONAL INFORMATION

|                                                   |                                                                  |
|---------------------------------------------------|------------------------------------------------------------------|
| Product Categories/Family for IL1b active protein | Cytokine; Tumor immunity; Infection immunity; Active proteins/AP |
|---------------------------------------------------|------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                               |                               |
|-------------------------------|-------------------------------|
| NCBI GI #                     | 126722831                     |
| NCBI GeneID                   | 100034237                     |
| NCBI Accession #              | NP_001075995.1                |
| NCBI GenBank Nucleotide #     | NM_001082526.1                |
| UniProt Accession #           | Q28386; O18995; O77744        |
| Molecular Weight              | 24,212 Da                     |
| NCBI Official Full Name       | interleukin-1 beta            |
| NCBI Official Symbol          | IL1B                          |
| NCBI Official Synonym Symbols | IL-1B                         |
| NCBI Protein Information      | interleukin-1 beta; IL-1 beta |
| UniProt Protein Name          | Interleukin-1 beta            |
| UniProt Gene Name             | <b>IL1B</b>                   |
| UniProt Synonym Gene Names    | IL-1 beta                     |
| UniProt Entry Name            | IL1B_HORSE                    |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/e-coli-active-protein/interleukin-1-beta-il1b/152226>