

# Recombinant Human IL1B, HIgG1 Fc-tagged

**Cat. No.** IL1B-466H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IL1B Protein (1-497 aa) is produced by CHO expression system. This protein is fused with a HIgG1 Fc tag.                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | CHO                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 1-497 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | Supplied as a 0.2 µm filtered solution in PBS (pH 7.4)                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MAPVRSLNCTLRDSQQKSLVMSGPYELKALHLQGQDMEQQVVFMSFVQGEESN<br>DKIPVALGLKEKNLYLSCVLKDDKPTLQLESVDPKNYPKKKMEKRFVFNKIEINNLE<br>FESAQFPNWYISTSQAENMPVFLGGTKGGQDITDFTMQFVSSADDDDKPEKSSDKT<br>HTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYV<br>DGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTI<br>SKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYK<br>TTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGK |
| <b>Endotoxin</b>        | <1EU per ug (determined by the LAL method)                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Purity</b>           | >90%, by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Storage</b>          | Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated                                                                                                                                                                                                                                                                     |

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freeze-thaw cycles.

**Concentration** 6.25 mg/ml**GENE INFORMATION****Gene Name** IL1B interleukin 1, beta [ Homo sapiens ]**Official Symbol** IL1B**Synonyms** IL1B; IL 1B; IL1 BETA; IL1F2; IL-1 beta; catabolin; IL-1; IL1-BETA;**Gene ID** 3553**mRNA Refseq** NM\_000576**Protein Refseq** NP\_000567**MIM** 147720**UniProt ID** P01584 Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA

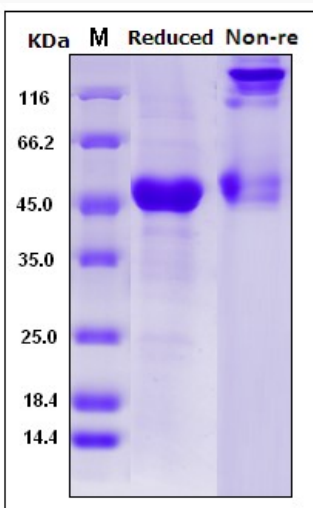


Fig 1. SDS-PAGE analysis of purified Human IL1B