

## Recombinant Human IL6 Protein

| Catalog #                 | Source   | Reactivity | Applications        |
|---------------------------|--|------------|---------------------|
| CRP1813                   | E. coli  | Human      | E, WB, SDS-PAGE, MS |
| <b>Description</b>        | Recombinant Human IL6 Protein is produced by our E.coli expression system and the target gene encoding Pro29-Met212 is expressed.  |            |                     |
| <b>Form</b>               | Lyophilized from a 0.2 µM filtered solution of 20mM HAc-NaAc, 150mM NaCl, pH 5.0   |            |                     |
| <b>Gene Symbol</b>        | IL6  |            |                     |
| <b>Alternative Names</b>  | IFNB2; Interleukin-6; IL-6; B-cell stimulatory factor 2; BSF-2; CTL differentiation factor; CDF; Hybridoma growth factor; Interferon beta-2; IFN-beta-2  |            |                     |
| <b>Entrez Gene</b>        | 3569 (Human)   |            |                     |
| <b>SwissProt</b>          | P05231 (Human)   |            |                     |
| <b>Purity</b>             | Greater than 98% as determined by RP-HPLC and reducing SDS-PAGE.   |            |                     |
| <b>Chemical Structure</b> | PVPPGEDSKD VAAPHRQPLT SSERIDKQIR YILDGISALR KETCNKSNMC ESSKEALAEN<br>NLNLPKMAEK DGCFQSGFNE ETCLVKIITG LLEFEVYLEY LQNRFESSEE QARAVQMSTK<br>VLIQFLQKKA KNLDAITTPD PTTNASLLTK LQAQNQWLQD MTTHLILRSF KEFLQSSLRA<br>LRQM  |            |                     |
| <b>Quality Control</b>    | Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.   |            |                     |
| <b>Directions for Use</b> | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |            |                     |
| <b>Storage/Stability</b>  | Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  |            |                     |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

### COHESION BIOSCIENCES LIMITED

**WEB**  
www.cohesionbio.com

**ORDER**  
order@cohesionbio.com

**SUPPORT**  
techsupport@cohesionbio.com

**CUSTOM**  
custom@cohesionbio.com

# Product Data Sheet

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

## COHESION BIOSCIENCES LIMITED

**WEB**

[www.cohesionbio.com](http://www.cohesionbio.com)

**ORDER**

[order@cohesionbio.com](mailto:order@cohesionbio.com)

**SUPPORT**

[techsupport@cohesionbio.com](mailto:techsupport@cohesionbio.com)

**CUSTOM**

[custom@cohesionbio.com](mailto:custom@cohesionbio.com)