

## Recombinant Human IL-1R3 Protein

Catalog #	Source	Reactivity	Applications
CRP2743	Human cells	Human	E, WB, SDS-PAGE, MS

**Description** Recombinant Human IL-1R3 Protein is produced by mammalian expression system and the target gene encoding Ser21-Gln356 is expressed with a Fc, 6His tag at the C-terminus.

**Form** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

**Gene Symbol** IL1RAP

**Alternative Names** C3orf13; IL1R3; Interleukin-1 receptor accessory protein; IL-1 receptor accessory protein; IL-1RAcP; Interleukin-1 receptor 3; IL-1R-3; IL-1R3

**Entrez Gene** 3556 (Human)

**SwissProt** Q9NPH3 (Human)

**Purity** Greater than 95% as determined by reducing SDS-PAGE.

**Chemical Structure** SERCDDWGLD TMRQIQVFED EPARIKCLF EHFLKFNYSY AHSAGLTLIW YWTRQDRDLE  
 EPINFRLPEN RISKEKDWLW FRPTLLNDTG NYTCMLRNTT YCSKVAFPLE VVQKDSCFNS  
 PMKLPVHKLY IEYGIQRITC PNVDGYFPSS VKPTITWYMG CYKIQNFNNV IPEGMNLFL  
 IALISNNGNY TCVVTYPENG RTFHLRTRTL VKVVGSPKNA VPPVIHSPND HVVYEKEPGE  
 ELLIPCTVYF SFLMDSRNEV WWTIDGKKPD DITIDVTINE SISHSRTEDE TRTQILSIKK  
 VTSEDLKRSY VCHARSAKGE VAKAAKVKQK GNRCGQVDDI EGRMDEPKSC DKTHTCPPCP  
 APELLGGPSV FLFPPKPKDT LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK  
 PREEQYNSTY RVVSVLTVLH QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYT  
 LPPSREEMTK NQVSLTCLVK GFYPSDIAVE WESNGQPENN YKTTTPVLDS DGSFFLYSKL  
 TVDKSRWQQG NVFSCSVME ALHNHYTQKS LSLSPGKHHH HHH

**Quality Control** Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

**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)

# Product Data Sheet

**Directions for Use** 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 ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Storage/Stability** 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](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)