

## Recombinant Mouse IL-23R Protein

Catalog #	Source	Reactivity	Applications
CRP3003	Human cells	Mouse	E, WB, SDS-PAGE, MS

**Description** Recombinant Mouse IL-23R Protein is produced by mammalian expression system and the target gene encoding Gly24-Asp372 is expressed with a Fc tag at the C-terminus.

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

**Gene Symbol** IL23R

**Alternative Names** Interleukin-23 receptor; IL-23 receptor; IL-23R

**Entrez Gene** 209590 (Mouse)

**SwissProt** Q8K4B4 (Mouse)

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

**Chemical Structure** GITSINCSGD MWVEPGEIFQ MGMNVSIIYQ EALKHCRPRN LYFYKNGFKE EFDITRINRT TARIWYKGFSEPHAYMHCTA ECPGHFQETL ICGKDISSGH PPDAPSNLTC VIYEYSGNMT CTWNTGKPTY IDTKYIVHVK SLETEEEQY LASSYVKIST DSLQGSRKYL VVWQAVNSLG MENSQQLHVH LDDIVIPSAS IISRAETTND TVPKTIVYWK SKTMIEKVFC EMRYKTTTNQ TWSVKEFDAN FTYVQQSEFY LEPDSKYVFQ VRCQETGKRN WQPWSSPFVH QTSQETGKRN WQPWSSPFVH QTSQTVSQVT AKSSHEPQKM EMLSATIFRG HPASGNHQDV DDIEGRMDEP KSCDKTHTCP PCPAPELLGG PSVFLFPPKP KDTLMISRTP EVTCVVVDVS HEDPEVKFNW YVDGVEVHNA KTKPREEQYN STYRVVSVLT VLHQDWLNGK EYKCKVSNKA LPAPIEKTIS KAKGQPREPQ VYTLPPSREE MTKNQVSLTC LVKGFYPSDI AVEWESNGQP ENNYKTTTPV LDSDGSFFLY SKLTVDKSRW QQGNVFSCSV MHEALHNHYT QKSLSLSPGK

**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

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# 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

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