

Recombinant Mouse IL-1R2 Protein

Catalog #	Source	Reactivity	Applications
CRP2995	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description Recombinant Mouse IL-1R2 Protein is produced by mammalian expression system and the target gene encoding Phe14-Glu355 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 IL1R2

Alternative Names IL1RB; Interleukin-1 receptor type 2; IL-1R-2; IL-1RT-2; IL-1RT2; CD121 antigen-like family member B; CDw121b; IL-1 type II receptor; Interleukin-1 receptor beta; IL-1R-beta; Interleukin-1 receptor type II; CD121b

Entrez Gene 16178 (Mouse)

SwissProt P27931 (Mouse)

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

Chemical Structure FTTPTVVHTG KVSESPITSE KPTVHGDNCQ FRGREFKSEL RLEGEPVVLR CPLAPHSDIS SSSHSFLTWS KLDSSQLIPR DEPRMWVKGK ILWILPAVQQ DSGTYICTFR NASHCEQMSV ELKVFKNTEA SLPHVSYLQI SALSTTGLLV CPDLKEFISS NADGKIQWYK GAILLDKGNK EFLSAGDPTR LLISNTSMDD AGYYRCVMTF TYNGQEYNIT RNIELRVKGT TTEPIPVIIIS PLETIPASLG SRLIVPCKVF LGTGTSSNTI VWWLANSTFI SAAYPRGRVT EGLHHQYSEN DENYVEVSLI FDPVTREDLH TDFKCVASNP RSSQSLHTTV KEIEGRDMDP KSCDKTHTCP PCPAPELLGG PSVFLFPPKP KDTLMISRTP EVTCVVVDVS HEDPEVKFNW YVDGVEVHNA KTKPREEQYN STYRVVSVLT VLHQDWLNGK EYKCKVSNKA LPAPIEKTIS KAKGQPREPQ VYTLPPSRDE LTKNQVSLTLC LVKGFYPSDI AVEWESNGQP ENNYKTTTPV LQSDGTSFLLY SKLTVDKSRW QQGNVFSCSV MHEALHNHYT QKSLSLSPGK

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

Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.
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 μ g/ml. Dissolve the lyophilized protein in ddH ₂ 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.

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