

Recombinant Mouse IL-1R1 Protein

Catalog #	Source	Reactivity	Applications
CRP2993	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description	Recombinant Mouse IL-1R1 Protein is produced by mammalian expression system and the target gene encoding Leu20-Lys338 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	IL1R1
Alternative Names	IL1R; IL1RA; IL1RT1; Interleukin-1 receptor type 1; IL-1R-1; IL-1RT-1; IL-1RT1; CD121 antigen-like family member A; Interleukin-1 receptor alpha; IL-1R-alpha; Interleukin-1 receptor type I; p80; CD121a
Entrez Gene	16177 (Mouse)
SwissProt	P13504 (Mouse)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	LEIDVCTEYP NQIVLFLSVN EIDIRKCPLT PNKMHGDTII WYKNSDKTPI SADRDSRIHQ QNEHLWVFPV KVEDSGYYC IVRNSTYCLK TKVTVTVLEN DPGLCYSTQA TFPQRLHIAG DGSVCPYVS YFKDENNELP EVQWYKNCKP LLDNVSFFG VKDKLLVRNV AEEHRGDYIC RMSYTRFGKQ YPVTRVIQFI TIDENKRDRP VILSPRNETI EADPGSMIQL ICNVTGQFSD LVYWKWNGSE IEWNDPFLAE DYQFVEHPST KRKYTLITTL NISEVKSQFY RYPFICVVKN TNIFESAHVQ LIYPVPDFKI EGRDMDPKSC DKHTTCPPCP APELLGGPSV FLFPPKPKDT LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK PREEQYNSTY RVVSVLTVLH QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYT LPPSRDELTK NQVSLTCLVK GFYPSDIAVE WESNGQPENN YKTTTPVLDS DGSFFLYSKL TVDKSRWQQG NVFSCSVMHE ALHNHYTQKS LSLSPGK

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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