

Recombinant Mouse IL-1RL1 Protein

Catalog #	Source	Reactivity	Applications
CRP2997	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description	Recombinant Mouse IL-1RL1 Protein is produced by mammalian expression system and the target gene encoding Ser27-Ala337 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	IL1RL1
Alternative Names	DER4; ST2; T1; Interleukin-1 receptor-like 1; Protein ST2
Entrez Gene	17082 (Mouse)
SwissProt	P14719 (Mouse)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	SKSSWGLENE ALIVRCPQRG RSTYPVEWYY SDTNESIPTQ KRNRI FVSRD RLKFLPARVE DSGIYACVIR SPNLNKTGYL NVTIHKKPPS CNIPDYLMYS TVRGS DKNFK ITCPTIDLYN WTAPVQWFKN CKALQEPRFR AHRSYLFIDN VTHDDEGDYT CQFTHAENGT NYIVTATRSF TVEEKGFMSF PVITNPPYNH TMEVEIGKPA SIACSACFGK GSHFLADV LW QINKTVVGNF GEARIQEEEG RNESSNDMD CLTSVLRITG VTEKDLSLEY DCLALNLHGM IRHTIRLRK QPSKECP SHI AVDDIEGRMD EPKSCDKTHT CPPCPAPELL GGPSVFLFPP KPKDTLMISR TPEVTCVVVD VSHEDPEVKF NWWYVDGVEVH NAKTKPREEQ YNSTYRVVSV LTVLHQDWLN GKEYKCKVSN KALPAPIEKT ISKAKGQPRE PQVYTLPPSR EEMTKNQVSL TCLVKGFYPS DIAVEWESNG QPENNYK TTP PVLDS DGSFF LYSKLTVDKS RWQQGNVFSC SVMHEALH NH YTQKSLSLSP GK
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not
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

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. 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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