

Recombinant Human IL-1R2 Protein

Catalog #	Source	Reactivity	Applications
CRP2741	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human IL-1R2 Protein is produced by mammalian expression system and the target gene encoding Phe14-Glu343 is expressed fused with a 6His 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	7850 (Human)		
SwissProt	P27930 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	FTLQPAAHGTG AARSCRFRGR HYKREFRLEG EPVALRCPQV PYWLWASVSP RINLTWHKND SARTVPGEEE TRMWAQDGAL WLLPALQEDS GTYVCTTRNA SYCDKMSIEL RVFENTDAFL PFISYPQILT LSTSGVLVCP DLSEFTRDKT DVKIQWYKDS LLLDKDNEKF LSVRGTTTHLL VHDVALEDAG YYRCVLTF AH EGQQYNITRS IELRIKKKKE ETIPVIISPL KTISASLGSR LTIPCKVFLG TGTPLTMLW WTANDTHIES AYPGGRVTEG PRQEYSENNE NYIEVPLIFD PVTRELDHMD FKCVVHNTLS FQTLRRTTVKE HHHHHH		
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 recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize		

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

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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