

Recombinant Human IL-23R Protein

Catalog #	Source	Reactivity	Applications
CRP2751	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human IL-23R Protein is produced by mammalian expression system and the target gene encoding Gly24-Asp353 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	149233 (Human)
SwissProt	Q5VWK5 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	GITNINCSGH IWVEPATIFK MGMNISIYCQ AAIKNCQPRK LHFYKNGIKE RFQITRINKT TARLWYKNFL EPHASMYCTA ECPKHFQETL ICGKDISSGY PPDIPDEVTC VIYEYSGNMT CTWNAGKLT Y IDTKYVVHV K SLETEEEQY LTSSYINIST DSLQGGKKYL VVWQAANALG MEESKQLQIH LDDIVIPSAA VISRAETINA TVPKTIIYWD SQTTEIKVSC EMRYKATTNQ TWNVKEFDTN FTYVQQSEFY LEPNIKYVFQ VRCQETGKRY WQPWSSPFFH KTPETVPQVT SKAFQHDTWN SGLTVASIST GHLTSDNRGD VDDIEGRMDE PKSCDKTHTC PPCAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRE EMTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTPPP VLDSGGSFFL YSKLTVDKSR WQQGNVFSCS VMHEALHNHY TQKLSLSLSPG K
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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