

Recombinant Mouse IL-23 Protein

Catalog #	Source	Reactivity	Applications
CRP3002	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description	Recombinant Mouse IL-23 Protein is produced by mammalian expression system and the target gene encoding Val22-Ala196 & Met23-Ser335 is expressed.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Gene Symbol	IL23A; IL23B
Alternative Names	SGRF; Interleukin-23 subunit alpha; IL-23 subunit alpha; IL-23-A; Interleukin-23 subunit p19; IL-23p19; NKSF2; Interleukin-12 subunit beta; IL-12B; Cytotoxic lymphocyte maturation factor 40 kDa subunit; CLMF p40; IL-12 subunit p40; NK cell stimulatory factor chain 2; NKSF2
Entrez Gene	83430; 16160 (Mouse)
SwissProt	Q9EQ14; P43432 (Mouse)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	VPRSSSPDWA QCQQLSRNLC MLAWNAHAPA GHMNLREEE DEETKNNVPR IQCEDGCDPQ GLKDNSQFCL QRIRQGLAFY KHLLEDSDIFK GEPALLPDSP MEQLHTSLLG LSQLLPEDH PRETQQMPSL SSSQQWQRPL LRSKILRSLQ AFLAIAARVF AHGAATLTP LVPTA&MWEL EKDVYVVEVD WTPDAPGETV NLCTDTPED DITWTSDQRH GVIGSGKTLT ITVKEFLDAG QYTCHKGGET LSHSHLLLHK KENGIWSTEI LKNFKNKTFK KCEAPNYSGR FTCSWLVRN MDLKFNIKSS SSSPDSRAVT CGMASLSAEK VTLDQRDYEK YSVSCQEDVT CPTAETLPI ELALEARQQN KYENYSTSFF IRDIKPDPP KNLQMKPLKN SQVEVSWEYP DSWSTPHSYF SLKFFVRIQR KKEKMKETEE GCNQKGAFLV EKTSTEVQCK GGNVCVQAQD RYYNSSCSKW ACVPCRVR
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

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

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 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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