

Recombinant Mouse IL-22 Protein

Catalog #	Source	Reactivity	Applications
CRP3000	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse IL-22 Protein is produced by mammalian expression system and the target gene encoding Leu34-Val179 is expressed with a mFc tag at the C-terminus.		
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.		
Gene Symbol	IL22		
Alternative Names	ILTIF; ZCYTO18; Interleukin-22; IL-22; Cytokine Zcyto18; IL-10-related T-cell-derived-inducible factor; IL-TIF		
Entrez Gene	50929 (Mouse)		
SwissProt	Q9JJY9 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	LPVNTRCKLE VSNFQQPYIV NRTFMLAKEA SLADNNTDVR LIGEKLFGRGV SAKDQCYLKMK QVLNFTLEDV LLPQSDRFQP YMQEVPFLT KLSNQLSSCH ISGDDQNIQK NVRRLKETVK KLGESGEIKA IGELDLLFMS LRNACVGGGG SGGGGSGGGG SPRGPTIKPC PPCKCPAPNL LGGPSVFIFP PKIKDVLMI SLPVITCVVV DVSEDDPDVQ ISWVFVNNVEV HTAQTQTHRE DYNSTLRVVS ALPIQHQDWM SGKEFKCKVN NKDLPAPIER TISKPKGSVR APQVYVLP EEEMTKKQVT LTCMVTDFMP EDIYVEWTNN GKTELNYKNT EPVLDSGGSY FMYSKLRVEK KNWVERNSYS CSVVHEGLHN HHTTKSFSRT PGK		
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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