

## Recombinant Human IL-22 Protein

Catalog #	Source	Reactivity	Applications
CRP2749	Human cells	Human	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Human IL-22 Protein is produced by mammalian expression system and the target gene encoding Ala34-Ile179 is expressed with a hIgG4 Fc tag at the C-terminus.
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
<b>Gene Symbol</b>	IL22
<b>Alternative Names</b>	ILTIF; ZCYTO18; Interleukin-22; IL-22; Cytokine Zcyto18; IL-10-related T-cell-derived-inducible factor; IL-TIF
<b>Entrez Gene</b>	50616 (Human)
<b>SwissProt</b>	Q9GZX6 (Human)
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Chemical Structure</b>	APISSHCRLD KSNFQQPYIT NRTFMLAKEA SLADNNTDVR LIGEKLFHGV SMSERCYLMK QVLNFTLEEV LFPQSDRFQP YMQEVVPFLA RLSNRLSTCH IEGDDLHIQR NVQKLKDTVK KLGESGEIKA IGELDLLFMS LRNACIGGGG SGGGGSGGGG SAESKYGPPC PSCPAPEFLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SQEDPEVQFN WYVDGVEVHN AKTKPREEQF NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK GLPSSIEKTI SKAKGQPREP QVYTLPPSQE EMTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTPP VLDSGGSFFL YSRLTVDKSR WQEGNVFSCS VMHEALHNHY TQKLSLSLGL
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
<b>Directions for Use</b>	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 <sub>2</sub> 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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