

Recombinant Human IL-22 Protein

Catalog #	Source	Reactivity	Applications
CRP2748	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human IL-22 Protein is produced by mammalian expression system and the target gene encoding Ala34-Ile179 is expressed with a hIgG2 Fc 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	50616 (Human)
SwissProt	Q9GZX6 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	APISSHCRLD KSNFQQPYIT NRTFMLAKEA SLADNNTDVR LIGEKLFHGV SMSERCYLMK QVLNFTLEEV LFPQSDRFQP YMQEVVPFLA RLSNRLSTCH IEGDDLHIQR NVQKCLKDQTVK KLGESGEIKA IGELDLLFMS LRNACIGGGG SGGGGSGGGG SERKCCVECP PCPAPPVAGP SVFLFPPKPK DTLMISRTPV VTCVVVDVSH EDPEVQFNWY VDGMEVHNAK TKPREEQFNS TFRVSVLTV VHQDWLNGKE YKCKVSNKGL PAPIEKTISK TKGQPREPQV YTLPPSREEM TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTTTPML DSDGSFFLYS KLTVDKSRWQ QGNVFSCSVM HEALHNHYTQ KSLSLSPGK
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 $2-8^{\circ}\text{C}$ for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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