

IL-22, human recombinant protein**IL-TIF, TIFa, IL-10-related T-cell-derived-inducible factor, IL-22, ILTIF, IL-D110, zcyto18, MGC7938****Catalog # PBV10330r****Specification**

IL-22, human recombinant protein - Product info

Primary Accession

[O9GZX6](#)

Calculated MW

16.8 kDa KDa**IL-22, human recombinant protein - Additional Info**

Gene ID

50616

Gene Symbol

IL22**Other Names**

IL-TIF, TIFa, IL-10-related T-cell-derived-inducible factor, IL-22, ILTIF, IL-D110, zcyto18, MGC79382, MGC79384, TIFIL-23

Gene Source

Human

Source

E. coli

Assay&Purity

SDS-PAGE; ≥97%

Assay2&Purity2

HPLC; ≥97%

Recombinant

Yes**Target/Specificity**

IL-22

Application Notes

Reconstitute in H₂O to a concentration of 0.1-1.0 mg/ml. It is recommended that further dilutions be made into buffer containing carrier protein or medium containing serum. This solution can then be stored at 4°C for 1 week or -20° for future use.

Format

Lyophilized protein

Storage

-20°C; Lyophilized from 1 mM Sodium Citrate, pH 4.0.

IL-22, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)

- [Cell Culture](#)

IL-22, human recombinant protein - Images

IL-22, human recombinant protein - Background

Human Interleukin-22 (IL-22), also known as T cell-derived inducible factor (IL-22), is a cytokine that is structurally related to IL-10. Studies have shown that IL-22 induces acute-phase reactants in vitro and in vivo, suggesting that the cytokine contributes to the regulation of inflammatory responses. Recombinant human IL-22 is a 16.8 kDa protein consisting of 147 amino acids residues.

IL-22, human recombinant protein - References

Dumoutier L., et al. Proc. Natl. Acad. Sci. U.S.A. 97:10144-10149(2000).
Dumoutier L., et al. Genes Immun. 1:488-494(2000).
Xie M.-H., et al. J. Biol. Chem. 275:31335-31339(2000).
Clark H.F., et al. Genome Res. 13:2265-2270(2003).
Zhang Z., et al. Protein Sci. 13:2819-2824(2004).