

IL-22, murine recombinant protein**IL-TIF, TIFa, IL-10-related T-cell-derived-inducible factor, IL-22, ILTIF, IL-D110, zcyto18, MGC7938****Catalog # PBV10331r****Specification**

IL-22, murine recombinant protein - Product info

Primary Accession

[O9JJY9](#)

Calculated MW

33.4 kDa KDa**IL-22, murine recombinant protein - Additional Info**

Gene ID

50929

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

Mouse

Source

E. coli

Assay&Purity

SDS-PAGE; ≥97%

Assay2&Purity2

HPLC; ≥97%

Recombinant

Yes

Results

0.5 ng/ml**Target/Specificity**

IL-22

Application Notes

Reconstitute in H₂O to a concentration of 0.1 to 1.0 mg/ml. This solution can then be stored at 4°C for 1 week or -20°C for future use. For long term storage, it is recommended to add a carrier protein (e.g., 0.1% BSA). Avoid repeating freeze/thaw cycles.

Format

Lyophilized protein

Storage

-20°C; Lyophilized from 1X PBS Solution

IL-22, murine 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, murine recombinant protein - Images**IL-22, murine recombinant protein - Background**

Murine Interleukin-22 (IL-22), also known as T cell-derived inducible factor (ITIF), 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 murine IL-22 contains 2 x 146 amino acid chains having a total molecular mass of 33.4 kDa.

IL-22, murine recombinant protein - References

Dumoutier L., et al. J. Immunol. 164:1814-1819(2000).
Dumoutier L., et al. Genes Immun. 1:488-494(2000).