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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	Q9JJY9
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 H_2O 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 Cytomety
- 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 (ILTIF), 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).