

Datasheet for ABIN7278719  
**IL-22 Protein (AA 34-179) (Fc Tag)**



[Go to Product page](#)

## Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 50 µg                                       |
| Target:                       | IL-22 (IL22)                                |
| Protein Characteristics:      | AA 34-179                                   |
| Origin:                       | Mouse                                       |
| Source:                       | CHO Cells                                   |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This IL-22 protein is labelled with Fc Tag. |

## Product Details

|                  |   |
|------------------|---|
| Purpose:         | IL-22 (mouse):Fc (mouse) (rec.)   |
| Specificity:     | The extracellular domain of mouse IL-22 (aa 34-179) is fused to the N-terminus of the Fc region of mouse IgG2a.   |
| Characteristics: | <p>Protein. The extracellular domain of mouse IL-22 (aa 34-179) is fused to the N-terminus of the Fc region of mouse IgG2a. Source: CHO cells. Endotoxin content: &lt;0.06EU/µg protein (LAL test, Lonza). Lyophilized from 0.2µm-filtered solution in PBS. Purity: &gt;98 % (SDS-PAGE). Interleukin-22 (IL-22), also known as IL-10 related T cell derived inducible factor (ILTIF) was initially identified as a gene induced by IL-9 in mouse T cells and mast cells. IL-22 has been shown to activate STAT1 and STAT3 in several hepatoma cell lines and upregulate the production of acute phase proteins. IL-22 is produced by normal T cells upon anti-CD3 stimulation in humans. Mouse IL-22 expression is also induced in various organs upon lipopolysaccharide injection, suggesting that IL-22 may be involved in inflammatory responses. The functional IL-22 receptor complex consists of two receptor subunits, IL-22R(CRF29) and IL-10Rbeta(CRF24), belonging</p> |

## Product Details

---

to the class II cytokine receptor family.

Purity: >98 % (SDS-PAGE)

Endotoxin Level: <0.06EU/μg protein (LAL test, Lonza).

## Target Details

---

Target: IL-22 (IL22)

Alternative Name: IL-22 ([IL22 Products](#))

Background: Alternate Names/Synonyms: Interleukin-22, IL-10-related T Cell-derived-inducible Factor  
Product Description: Interleukin-22 (IL-22), also known as IL-10 related T cell derived inducible factor (ILTIF) was initially identified as a gene induced by IL-9 in mouse T cells and mast cells. IL-22 has been shown to activate STAT1 and STAT3 in several hepatoma cell lines and upregulate the production of acute phase proteins. IL-22 is produced by normal T cells upon anti-CD3 stimulation in humans. Mouse IL-22 expression is also induced in various organs upon lipopolysaccharide injection, suggesting that IL-22 may be involved in inflammatory responses. The functional IL-22 receptor complex consists of two receptor subunits, IL-22R(CRF29) and IL-10Rbeta(CRF24), belonging to the class II cytokine receptor family.

NCBI Accession: [NP\\_058667](#)

## Application Details

---

Restrictions: For Research Use only

## Handling

---

Format: Lyophilized

Concentration: Lot specific

Buffer: Lyophilized from 0.2μm-filtered solution in PBS.

Handling Advice: Avoid freeze/thaw cycles.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C  
Long Term Storage: -20°C  
Use & Stability: Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.