

Datasheet for ABIN7566245

IL-22 Protein (AA 34-179) (His tag)[Go to Product page](#)

Overview

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| Quantity: | 10 µg |
| Target: | IL-22 (IL22) |
| Protein Characteristics: | AA 34-179 |
| Origin: | Mouse |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This IL-22 protein is labelled with His tag. |

Product Details

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| Purpose: | IL-22 (mouse) (rec.) (His) |
| Cross-Reactivity: | Mouse |
| Characteristics: | Mouse IL-22 (aa 34-179) is fused at the N-terminus to a His-tag. |
| Purity: | >95 % (SDS-PAGE) |
| Sterility: | Sterile filtered |
| Endotoxin Level: | <1EU/µg protein (LAL test, Lonza). |

Target Details

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| Target: | IL-22 (IL22) |
| Alternative Name: | IL-22 (IL22 Products) |
| Background: | Interleukin-22, IL-10-related T Cell-derived-inducible Factor, ILTIF |

Target Details

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

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| Format: | Lyophilized |
| Buffer: | Lyophilized from 0.2µm-filtered solution in PBS. |
| Handling Advice: | Avoid freeze/thaw cycles.Centrifuge lyophilized vial before opening and reconstitution. |
| 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. |