

Recombinant Human IL-22

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|---------------------|---|-------|
| CATALOG #: | 4601-10 | 10 µg |
| | 4601-1000 | 1 mg |
| LOT #: | _____ | |
| SOURCE: | <i>E. coli</i> | |
| PURITY: | >97% by SDS-PAGE and HPLC Endotoxin level is <0.1 ng per g of IL-22. | |
| MOL. WEIGHT: | 16.8 kDa | |
| FORM: | Lyophilized from 1 mM Sodium Citrate, pH 4.0. | |

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water 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°C for future use.

STORAGE CONDITIONS:

The lyophilized IL-22 is best-stored desiccated below 0°C. Reconstituted IL-22 should be stored at working aliquots at -20°C.

DESCRIPTION:

Human 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 human IL-22 is a 16.8 kDa protein consisting of 147 amino acids residues.

ACTIVITY:

Recombinant IL-22 activates STAT following receptor-ligand interaction.

For Research Use Only! Not to be used in humans.

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