

Recombinant Human IL-22

CATALOG #: 4601-10 10 µg
4601-50 50 µg
4601-1000 1 mg

SOURCE: *E. coli*

PURITY: >97% by SDS-PAGE and HPLC
Endotoxin level is <0.1 ng per µg 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° 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 on humans.

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