



Recombinant Human Interleukin-21 (IL-21) CATALOG #: 4182-10 10 µg

SOURCE: *E. coli*

PURITY: >90% by SDS-PAGE and HPLC analysis Endotoxin level <0.1 ng per µg of IL-21.

MOL. WEIGHT: 15.5 kDa

FORM: Lyophilized (from 1 mg/ml solution containing no additives).

RECONSTITUTION: Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 µg/µl (Note: Gently pipetting to dissolve). The solution can be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

STORAGE CONDITIONS:

The lyophilized IL-21 is best-stored desiccated below 0°C. Reconstituted IL-21 should be stored at working aliquots at -20°C.

DESCRIPTION:

Recombinant human IL-21 is a homodimeric, non-glycosylated polypeptide containing 133 amino acid residues and has a molecular weight of 15.5 kDa.

BIOLOGICAL ACTIVITY:

The recombinant human IL-21 is fully biologically active when compared to standard. The ED50 as determined by the dose-dependent stimulation of human peripheral blood mononuclear cells is <5 ng/ml.

FOR RESEARCH USE ONLY! Not to be used in humans.

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