

Recombinant Human Interleukin-21 (IL-21)

CATALOG #:	4182-10	10 µg
	4182-50	50 µg
	4182-1000	1 mg
LOT #:	_____	
SOURCE:	<i>E. coli</i>	
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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- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
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