

Recombinant Human IL-4

CATALOG #: 4137-10 10 µg
4137-1000 1 mg

LOT #: _____

SOURCE: *E. coli*

PURITY: >98% by SDS-PAGE and HPLC analyses
Endotoxin level is <0.1 ng per µg of IL-4.

MOL. WEIGHT: 15.0 kDa

FORMULATION: Sterile filtered and lyophilized with no additives

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. The solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or – 20°C for future use.

STORAGE CONDITIONS:

The lyophilized human IL-4 is best-stored desiccated below 0°C. Reconstituted IL-4 should be stored at working aliquots at -20°C.

DESCRIPTION:

IL-4 is a potent lymphoid cell growth factor that stimulates the growth and survivability of certain B cells and T cells. Human IL-4 is a 15.0 kDa globular protein containing 130 amino acid residues.

BIOLOGICAL ACTIVITY:

The ED₅₀ as determined by the dose-dependent stimulation of human TF-1 cells is ≤0.2 ng/ml, corresponding to a specific activity of ≥5 x 10⁶ units/mg.

USAGE: For Research Use Only! Not to be used in humans!

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- 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
- FractionPREP Fractionation System

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- Senescence Detection Kit
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- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

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