

Recombinant Human IL-3

CATALOG #:	4134-10	10 µg
	4134-50	50 µg
	4134-1000	1 mg

LOT #: _____

SOURCE: *E. coli*

PURITY: >98% by SDS-PAGE and HPLC analysis
Endotoxin level is <0.1 ng per µg of IL-3.

MOL. WEIGHT: 15.0 kDa

FORMULATION: 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 IL-3 is best-stored desiccated below 0°C. Reconstituted IL-3 should be stored at working aliquots at -20°C.

DESCRIPTION:

IL-3 is a species-specific colony-stimulating factor that stimulates colony formation of megakaryocytes, neutrophils, and macrophages from bone marrow cultures. Recombinant human IL-3 is a 15.0 kDa protein containing 133 amino acid residues.

BIOLOGICAL ACTIVITY:

The ED₅₀ as determined by the dose-dependent stimulation of the proliferation of human TF-1 cells is ≤ 0.1 ng/ml, corresponding to a specific activity of ≥ 1 x 10⁷ units/mg.

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

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- 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
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