

Recombinant Human Interleukin-15 (IL-15)

CATALOG #:

4170-10	10 µg
4170-50	50 µg
4170-1000	1 mg

LOT #: _____

SOURCE: *E. coli*

PURITY: >98% by SDS-PAGE and HPLC Analyses
Endotoxin level is <0.1 ng per µg of IL-15.

MOL. WEIGHT: 12.8 kDa

FORMULATION: Lyophilized from 5 mM Tris, pH 8.0

RECONSTITUTION:

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

STORAGE CONDITIONS:

The lyophilized human IL-15 is best-stored desiccated below 0°C. Reconstituted IL-15 should be stored at working aliquots at -20°C.

DESCRIPTION:

IL-15 is a potent lymphoid cell growth factor that exerts its biological activity primarily on T cells. Human IL-15 is a 12.8 kDa protein containing 114 amino acid residues.

BIOLOGICAL ACTIVITY:

The ED₅₀ as determined by the dose-dependent stimulation of the proliferation of CTLL-2 cells is ≤0.5 ng/ml, corresponding to a specific activity of ≥2 x 10⁶ units/mg.

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

RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

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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
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

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- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
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