BioVision

Recombinant Human GM-CSF

CATALOG #: 4100-10 10 μg

4100-100 100 μg 4100-1000 1 mg

LOT #: _____

SOURCE: E. coli

PURITY: >98% by SDS-PAGE and HPLC analyses

Endotoxin level is <0.1 ng per μg GM-CSF.

MOL. WEIGHT: 14.6 kDa

FORM: Lvophilized from 10 mM Sodium Citrate, pH 3.5

RECONSTITUTION:

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

STORAGE CONDITIONS:

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

DESCRIPTION:

Human GM-CSF (Granulocyte Macrophage Colony Stimulating Factor) is a potent species-specific stimulator of bone marrow cells. GM-CSF stimulates precursor cells of granulocytes, macrophages and eosinophils. The human and murine molecules are species-specific and exhibit no cross-species reactivity. Recombinant human GM-CSF is a 14.6 kDa globular protein containing 128 amino acid residues.

BIOLOGICAL ACTIVITY:

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

FOR RESEARCH USE ONLY! Not to be used on 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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