

Recombinant Rat GM-CSF

CATALOG #: 4102-10 10 µg
4102-100 100 µg
4102-1000 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: 14.5 kDa

FORM: Sterile filtered and lyophilized from 10 mM Tris, pH 8.5.

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. 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 rat GM-CSF is best-stored desiccated below 0°C. Reconstituted GM-CSF should be stored in working aliquots at -20°C.

DESCRIPTION:

Rat 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. Recombinant rat GM-CSF is a 14.5 kDa globular protein consisting of 128 amino acid residues.

BIOLOGICAL ACTIVITY:

The ED₅₀ determined by the dose-dependent stimulation of the proliferation of murine FDC-P1 cells is ≤0.01 ng/ml, corresponding to a specific activity of ≥1 x 10⁸ 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
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