

Recombinant Murine GM-CSF

CATALOG #:	4101-10	10 µg
	4101-100	100 µg
	4101-1000	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: 14.0 kDa

FORM: Lyophilized with no additives

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 murine GM-CSF should be stored desiccated below 0°C. Reconstituted GM-CSF should be stored in working aliquots at -20°C.

DESCRIPTION:

Murine 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. Murine GM-CSF is a 14.0 kDa protein containing 124 amino acid residues.

BIOLOGICAL ACTIVITY:

The ED₅₀ was determined by the dose-dependent stimulation of the proliferation of murine FDC-P1 cells is ≤0.2 ng/ml, corresponding to a specific activity of ≥5 x 10⁶ units/mg.

USAGE: For Research Purpose Only. Not to be used in Human subjects.

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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
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- DNA Damage Quantification Kit
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