

recombinant mouse Granulocyte Macrophage Colony Stimulating Factor (rmGM-CSF)

Recombinant protein

For research use only; not for therapeutic or *in vitro* diagnostic use

Cat. No.	Form	Volume	Quantity*
BMS325	Purified	Lyophilized	20 µg

*Bulk quantities are available on request.

Source:	E. coli.
Description:	Granulocyte Macrophage Colony Stimulating Factor (GM-CSF) is a potent species-specific stimulator of bone marrow cells. GM-CSF stimulates precursor cells of granulocytes, macrophages, and eosinophils. Recombinant mouse GM-CSF is a 14.0 kDa protein containing 125 amino acid residues.
Presentation:	The sterile filtered solution was lyophilized with no additives.
Purity:	Greater than 98% by SDS-PAGE and HPLC analyses.
Reconstitution:	We recommend a quick spin followed by reconstitution 20mM AcOH (Acetic Acid) to a concentration of not less than 0.1mg/ml. This solution can then be diluted into other aqueous buffers.
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.
Storage and Stability:	The lyophilized protein is stable for a few weeks at room temperature, but best stored below -20°C. Reconstituted GM-CSF should be stored in working aliquots below -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Prevent freeze-thaw cycles!

+ Europe

eBioscience
Campus Vienna Biocenter 2
1030 Vienna, Austria
technical support: +43 (1) 796 40 40-120
customer service: +43 (1) 796 40 40-304
fax: +43 (1) 796 40 40-400

tech@ebioscience.com
europe@ebioscience.com
www.ebioscience.com

+ USA

eBioscience, Inc.
10255 Science Center Drive
San Diego, CA 92121
technical support: +1 (888) 810 6168
customer service: +1 (888) 999 1371
fax: +1 (858) 642 2046

tech@ebioscience.com
info@ebioscience.com
www.ebioscience.com