

recombinant human Granulocyte Colony Stimulating Factor (rhG-CSF)

Recombinant protein

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

Cat. No.	Form	Volume	Quantity*
BMS322	Purified	Lyophilized	10 µg

*Bulk quantities are available on request.

Source:	<i>E. coli.</i>
Description:	Granulocyte Colony Stimulating Factor (G-CSF) is a potent stimulator of bone marrow cells especially those of neutrophil lineage. In addition, G-CSF can enhance the survival and activate the immunological functions of mature neutrophils. Human G-CSF is a 18.8 kDa protein containing 175 amino acid residues.
Presentation:	The sterile filtered solution was lyophilized from 10 mM Sodium Acetate buffer, pH 4.0.
Purity:	Greater than 97% by SDS-PAGE and HPLC analyses.
Reconstitution:	We recommend a quick spin followed by reconstitution in water to a concentration of 0.1–1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or –20°C for future use.
Biological Activity:	The ED50, calculated by the dose-dependent proliferation of murine NFS-60 indicator cells (measured by 3H-thymidine uptake) is < 0.1 ng/ml corresponding to a specific activity of 1x10 ⁸ IU/mg.
Storage and Stability:	The lyophilized protein is stable for a few weeks at room temperature, but best stored at –20°C. Reconstituted G-CSF should be stored in working aliquots at –20°C.

+ 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