

GM-CSF

Human, Recombinant, E. coli

Cat. No.: RCP9018 **Size:** 10μg

Synonym: Granulocyte-Macrophage Colony Stimulating Factor; Colony Stimulating Factor 2 (Granulocyte Macrophage); Molgramostin; Sargramostim.

Description: GM-CSF is a potent species-specific growth factor produced by a variety of cell types including T cells, B cells, macrophages, mast cells and endothelial cells. GM-CSF is produced in response to cytokine or immune stimulation and has been shown to stimulate the proliferation, maturation and function of hematopoietic cells.

RANDOX recombinant GM-CSF comprises a 127 amino acid fragment (18-144) corresponding to the mature GM-CSF protein and is expressed in *E. coli* with an aminoterminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form:	Liquid.
	Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1% (w/v) SDS, 0.1% (w/v) Bromophenol Blue, 2.5% Glycerol).
Purity:	Single band on Western blot.
Reference(s):	Burgess, A.W. <i>et al.</i> (1987) <i>Blood</i> 69 (1) : 43-51 Metcalf, D <i>et al.</i> (1986) <i>Blood</i> 67 (1) : 37-45.

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