

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.

Radox 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 amino-terminal 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. *et al.* (1987) *Blood* **69 (1)**: 43-51

Metcalfe, D *et al.* (1986) *Blood* **67 (1)**: 37-45.