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32-20154: Animal-Free Recombinant Murine GM-CSF(Discontinued)

Reactivity : Mouse, Rat

Alternative Name : Granulocyte-Macrophage Colony-Stimulating Factor, CSF-2, MGI-1GM, Pluripoietin-Alpha

Description

Source:E.coliGM-CSF is a hematopoietic growth factor that stimulates the development of neutrophils and macrophages, and promotes the proliferation and development of early erythroid megakaryocytic and eosinophilic progenitor cells. It is produced in endothelial cells, monocytes, fibroblasts and T-lymphocytes. GM-CSF inhibits neutrophil migration and enhances the functional activity of the mature end-cells. The human and murine molecules are species-specific and exhibit no cross-species reactivity. Recombinant Murine GM-CSF is a 14.2 kDa globular protein consisting of 125 amino acid residues.

Product Info

Amount : 5 µg / 20 µg

Purification : Purity: >= 98% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : MAPTRSPITV TRPWKHVEAI KEALNLLDDM PVTLNEEVEV VSNEFSFKKL TCVQTRLKIF EQGLRGNFTK LKGALNMTAS YYQTYCPPTP ETDCETQVTT YADFIDSLKT FLTDIPFECK KPVQK

Application Note

TheÃÂ ED_{50}ÃÂ was determined by the dose-dependent stimulation of the proliferation of murine FDC-P1 cells is <= 0.05 ng/ml, corresponding to a specific activity of >= 2 x 10^7units/mg.ÃÂ

For Research Use Only. Not for use in diagnostic/therapeutics procedures.