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32-20334: Animal-Free Recombinant Murine IL-3(Discontinued)

Reactivity : Mouse, Rat
Alternative Name : MCGF (Mast cell growth factor), Multi-CSF, HCGF, P-cell stimulation factor

Description

Source:E.coliIL-3 is a hematopoietic growth factor that promotes the survival, differentiation and proliferation of committed progenitor cells of the megakaryocyte, granulocyte-macrophage, erythroid, eosinophil, basophil and mast cell lineages.Â Produced by T cells, mast cells and eosinophils, IL-3 enhances thrombopoiesis, phagocytosis, and antibody-mediated cellular cytotoxicity.Â Its ability to activate monocytes suggests that IL-3 may have additional immunoregulatory roles.Â Many of the IL-3 activities depend upon co-stimulation with other cytokines.Â IL-3 is a species-specific, variably glycosylated cytokine.Â Recombinant Murine IL-3 is a 15.1 kDa globular protein containing 135 amino acid residues.

Product Info

Amount : 2 µg / 10 µg
Purification : Purity: >= 98% by SDS-PAGE gel and HPLC analyses.
Content : This recombinant protein is supplied in lyophilized form.
Amino Acid : MDTHRLTRTL NCSSIVKEII GKLPEPELKT DDEGPSLRNK SFRRVNLSKF VESQGEVDPE DRYVIKSNLQ KLNCCLPTSA NDSALPGVFI RDLDDFRKKL RFYMVHLNDL ETVLTSRPPQ PASGSVSPNR GTVEC

Application Note

TheÃ Â ED_{50}Ã Â as determined by the dose-dependent stimulation of the proliferation of mouse NFS-60 cells is <=0.05 ng/ml, corresponding to a specific activity of >= 2 x 10^7Ã Â units/mg.

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