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32-20303: Recombinant Rat MIP-1 Beta (CCL4)(Discontinued)

Reactivity : Human, Rat
Alternative Name : Macrophage Inflammatory Protein-1 Beta, CCL4, ACT-2

Description

Source:E.coli
Both MIP-1a and MIP-1b are structurally and functionally related CC chemokines.Â They participate in host response to invading bacterial, viral, parasite and fungal pathogens by regulating the trafficking and activation state of selected subgroups of inflammatory cells (e.g. macrophages, lymphocytes and NK cells).Â While both MIP-1a and MIP-1b exert similar effects on monocytes, their effect on lymphocytes differ; with MIP-1a selectively attracting CD8+ lymphocytes, and MIP-1b selectively attracting CD4+ lymphocytes.Â Additionally, MIP-1a and MIP-1b have also been shown to be potent chemoattractants for B cells, eosinophils and dendritic cells.Â Both human and murine MIP-1a and MIP-1b are active on human and murine hematopoietic cells.Â Recombinant Rat MIP-1b is a 7.8 kDa protein containing 69 amino acid residues, including the four highly conserved cysteine residues present in CC chemokines.

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 : APIGSDPPTS CCFSYTSRKI HRNFVMDYYE TSSLCSQPAV VFLTKKGRQI CADPSEPWVN EYVNDLELN

Application Note

Determined by its ability to chemoattract human monocytes using a concentration range of 0.01-1.0 Ã□Âµg/ml.

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