9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-20297: Recombinant Human MIP-1 Alpha (CCL3)(Discontinued)

Reactivity : Cow, Human, Monkey, Mouse, Rat
Alternative Name : Macrophage Inflammatory Protein-1 Alpha, CCL3, LD78 Alpha

Description

Source:E.coli
Both MIP-1 Alpha and MIP-1 Beta are structurally and functionally related CC chemokines. 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). While both MIP-1 Alpha and MIP-1 Beta exert similar effects on monocytes, their effect on lymphocytes differ; with MIP-1 Alpha selectively attracting CD8+ lymphocytes, and MIP-1 Beta selectively attracting CD4+ lymphocytes. Additionally, MIP-1 Alpha and MIP-1 Beta have also been shown to be potent chemoattractants for B cells, eosinophils and dendritic cells. Both human and murine MIP-1 Alpha and MIP-1 Beta are active on human and murine hematopoietic cells. Recombinant Human MIP-1 Alpha is a 7.8 kDa protein containing 70 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 : ASLAADTPTA CCFSYTSRQI PQNFIADYFE TSSQCSKPGV IFLTKRSRQV CADPSEEWVQ KYVSDLELSA

Application Note

Determined by its ability to chemoattract human monocytes using a concentration range of 1.0-10.0 ng/ml.