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32-1967: mMIP 3b Recombinant Protein

Alternative Name :	Small inducible cytokine A19,CCL19,Macrophage inflammatory protein 3 beta,MIP-3- beta,EBI1-ligand chemokine,ELC,Beta chemokine exodus-3,CK beta-11,chemokine (C-C motif) ligand 19,CKb11,MIP3B,MIP-3b,SCYA19,MGC34433,Epstein-Barr virus-ind

Description

Source : Escherichia Coli. Macrophage Inflammatory Protein-3 beta Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 83 amino acids and having a molecular mass of 9216 Dalton. The MIP-3b is purified by proprietary chromatographic techniques. Chemokine (C-C motif) ligand 19 (CCL19) is a small cytokine belonging to the CC chemokine family that is also known as EBI1 ligand chemokine (ELC) and macrophage inflammatory protein-3-beta (MIP-3-beta). CCL19 is expressed abundantly in thymus and lymph nodes, with moderate levels in trachea and colon and low levels in stomach, small intestine, lung, kidney and spleen. The gene for CCL19 is located on human chromosome 9. This chemokine elicits its effects on its target cells by binding to the chemokine receptor chemokine receptor CCR7. It attracts certain cells of the immune system, including dendritic cells and antigen-engaged B cells.

Product Info

Amount :	20 µg
Purification :	Greater than 98.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content :	The CCL19 was lyophilized from a concentrated (1mg/ml) solution in water containing no additives.
Storage condition :	Lyophilized MIP-3b although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CCL19 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
Amino Acid :	The sequence of the first five N-terminal amino acids was determined and was found to be, Gly-Ala-Asn-Asp-Ala.

Application Note

It is recommended to reconstitute the lyophilized Macrophage Inflammatory Protein-3b in sterile 18MÃ□Â©-cm H2O not less than 100Ã□Âµg/ml, which can then be further diluted to other aqueous solutions. The Activity is calculated by the ability to chemoattract Human mature dendritic cells using a concentration range of 8-80 ng/ml.

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