DATASHEET
Version 20181206

MIP-3β/CCL19, Mouse

Cat. No.: Z02903-20

Size: 20.0 ug

Synonyms: CCL19 Murine; MIP-3β Murine

Description:

Macrophage Inflammatory Protein-3 beta also called CCL19, ELC (EBI1 Ligand Chemokine), Exodus-3 is a reported β chemokine that binds specifically to the chemokine receptor CCR7 / EBI1 / BLR2. It is expressed in the thymus, lymph nodes and in activated bone marrow stromal cells. MIP-3 beta is a chemoattractant for T and B lymphocytes and myeloid progenitor cells.

Amino Acid Sequence:

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00001 GANDAEDCCL SVTQRPIPGN IVKAFRYLLN EDGCRVPAVV
00041 FTTLRGYQLC APPDQPWVDR IIRRLKKSSA KNKGNSTRRS
00081 PVS
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Source: *E. coli*

Species: Mouse

Biological Activity: Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human mature dendritic cells is in a concentration range of 10-100 ng/ml.

Molecular Weight: Approximately 9.2 kDa, a single non-glycosylated polypeptide chain containing 83 amino acids.

Formulation: Lyophilized from a 0.2 μm filtered concentrated solution in PBS, pH 7.4.

Appearance: Sterile Filtered White lyophilized (freeze-dried) powder.

Reconstitution: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

Purity: > 97 % by SDS-PAGE and HPLC analyses.

Endotoxin Level: Less than 1 EU/μg of rMuMIP-3β/CCL19 as determined by LAL method.

Storage: This lyophilized preparation is stable at 2-8 °C, but should be kept at -20 °C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8 °C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20 °C to -70 °C. Avoid repeated freeze/thaw cycles.

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