

Macrophage Inflammatory Protein-3 Beta Mouse Recombinant (CCL19)

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| Item Number | rAP-0231 |
| Synonyms | Small inducible cytokine A19, CCL19, Macrophage inflammatory protein 3 beta, MIP-3- beta, EB11-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-induced |
| Description | 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. |
| Uniprot Accesion Number | O70460 |
| Amino Acid Sequence | The sequence of the first five N-terminal amino acids was determined and was found to be, Gly-Ala-Asn-Asp-Ala. |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile Filtered White lyophilized (freeze-dried) powder. 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. |
| Formulation and Purity | The CCL19 was lyophilized from a concentrated (1mg/ml) solution in water containing no additives. Greater than 98.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE. |
| Application | |
| Solubility | It is recommended to reconstitute the lyophilized Macrophage Inflammatory Protein-3b in sterile 18MΩ-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions. |
| Biological Activity | The Activity is calculated by the ability to chemoattract Human mature dendritic cells using a concentration range of 8-80 ng/ml. |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**