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MIP 3 Human, T7 Tag

Catalog #:CHPS-381

For research use only.

Description:CCL19 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 93 amino acids (22098 a.a.) and having a molecular mass of 10.4 kDa. The CCL19 is fused to a 16 amino acid T7 tag at N-Terminus and purified by proprietary chromatographic techniques.

Synonyms: 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.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence:MASMTGGQQM GRGSHMGTND AEDCCLSVTQ KPIPGYIVRN FHYLLIKDGC RVPAVVFTTL RGRQLCAPPD QPWVERIIQR LQRTSAKMKR RSS.

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:
MIP3B Human solution containing 1x PBS pH-7.4 and 10% glycerol.

Stability:
CCL19 Human althoμgh stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.

Usage:
NeoBiolab's products are furnished forLABORATORY RESEARCHUSEONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
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.

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