www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

MIP 4 Human, His

Catalog #:CHPS-346

For research use only.

Description:MIP-4 Human Recombinant fused with a 25 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 93 amino acids (22-89 a.a.) and having a molecular mass of 10.4kDa. The MIP-4 is purified by proprietary chromatographic techniques.

Synonyms: Small inducible cytokine A18, CCL18, Macrophage inflammatory protein 4, MIP-4, Pulmonary and activation-regulated chemokine, CC chemokine PARC, Alternative macrophage activation-associated CC chemokine 1, AMAC-1, Dendritic cell chemokine 1, DC-CK1, chemok

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSHMQVGTN KELCCLVYTS WQIPQKFIVD YSETSPQCPK PGVILLTKRG RQICADPNKK WVQKYISDLK LNA.

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

Formulation:
The MIP-4 solution (0.25 mg/ml) contains 10mM Sodium Citrate pH3.5 and 10% Glycerol.

Stability:
MIP-4 should be stored desiccated 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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
Chemokine (C-C motif) ligand 18 (CCL18) is a small cytokine belonging to the CC chemokine family that was previously called PARC (pulmonary and activation-regulated chemokine). CCL18 is approximately 60% identical in amino acid sequence to CCL3. It is expressed at high levels in lung and at lower levels in certain lymphoid tissues, such as the lymph nodes, and is chemotactic for activated T cells and non activated lymphocytes. The gene for human CCL18 contains three exons and is located on chromosome 17.

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