

MIP-4 Macrophage Inflammatory protein-4 (CCL18) Human Recombinant Protein, His-Tag

Catalog Number: PROTP55774-1

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.

Overview

Product Name	MIP-4 Macrophage Inflammatory protein-4 (CCL18) Human Recombinant Protein, His-Tag
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.
Size	1ug, 5ug, 50ug
Tag	
Form	Sterile Filtered colorless solution.
Source	E. Coli
Formulation	The MIP-4 solution (0.25 mg/ml) contains 10mM Sodium Citrate pH3.5 and 10% Glycerol.

Concentration

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino Acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSQMVGSTN KELCLVYTS WQIPQKFIVD YSETSPQCPK PGVILLTKRG RQICADPNKK WVQKYISDLK LNA.

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Usage

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