
Product Data Sheet

Product Name: MIP 4 Human, His
 Cat. No.: GP21191
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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; chemokine (C-C motif) ligand 18; CKb7; PARC; AMAC1; DCCK1; SCYA18.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSHMQVGTN KELCCLVYTS WQIPQKFIVD YSETSPQCPK PGVILLTKRG RQICADPNKK WVQKYISDLK LNA.		
Formulation	The MIP-4 solution (0.25 mg/ml) contains 10mM Sodium Citrate pH3.5 and 10% Glycerol.		

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.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

MIP-4 Human Recombinant fused with a 25 amino acid His tag at N-terminus produced in

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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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.

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