
Product Data Sheet

Product Name: MIP 3b Human, T7

Cat. No.: GP21185

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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; Epstein-Barr virus-induced molecule 1 ligand chemokine; EBI1-ligand chemokine.		
Amino Acid Sequence	MASMTGGQQM GRGSHMGTND AEDCCLSVTQ KPIPGYIVRN FHYLLIKDGC RVPVVFTTL RGRQLCAPPD QPWVERIIQR LQRTSAKMKR RSS.		
Formulation	MIP3b protein solution (0.5mg/ml) containing Phosphate Buffered Saline pH7.4 and 10% glycerol.		

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.

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

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

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MIP3b Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 93 amino acids (22-98 a.a.) and having a molecular mass of 10.4kDa. MIP3b is fused to a 16 amino acid T7-tag at N-terminus & purified by proprietary chromatographic techniques.

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