

MIP-3α/CCL20

Catalog # PVGS1112

Product Information

Primary Accession P78556
Species Human

Sequence Ala27-Met96

Purity > 97% as analyzed by SDS-PAGE

> 97% as analyzed by HPLC

Endotoxin Level

Biological Activity Fully biologically active when compared to standard. The biological activity

determined by a chemotaxis bioassay using human T-lymphocytes is in a

concentration range of 10.0-50.0 ng/ml.

Expression System E. coli

Theoretical Molecular Weight 8 kDa

Formulation Lyophilized from a 0.2 Im filtered solution in 20 mM PB, pH 7.4, 100 mM

NaCl.

Reconstitution It is recommended that this vial be briefly centrifuged prior to opening to

bring the contents to the bottom. Reconstitute the lyophilized powder in sterile distilled water or aqueous buffer containing 0.1 % BSA to a

concentration of 0.1-1.0 mg/ml.

Storage & Stability Upon receiving, this product remains stable for up to 6 months at -70°C or

-20°C. Upon reconstitution, the product should be stable for up to 1 week at

4°C or up to 3 months at -20°C. Avoid repeated freeze-thaw cycles.

Additional Information

Other Names C-C motif chemokine 20, Beta-chemokine exodus-1, CC chemokine LARC, Liver

and activation-regulated chemokine, Macrophage inflammatory protein 3 alpha, MIP-3-alpha, Small-inducible cytokine A20, CCL20(1-67), CCL20(1-64),

CCL20(2-70), CCL20, LARC, MIP3A, SCYA20

Target Background Macrophage Inflammatory Protein-3 (MIP-3α), also known as chemokine (C-C

motif) ligand 20 (CCL20) or liver activation regulated chemokine (LARC), is a small cytokine belonging to the CC chemokine family. MIP-3 α is expressed in the liver, lymph nodes, appendix, PBL and lung and can signal through the CCR6 receptor. It is strongly chemotactic for lymphocytes and weakly attracts neutrophils. MIP-3 α is implicated in the formation and function of mucosal lymphoid tissues via chemoattraction of lymphocytes and dendritic cells toward the epithelial cells surrounding these tissues. Additionally, it promotes the adhesion of memory CD4 $^{+}$ T cells and inhibits colony formation of bone

Protein Information

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.