CCL20
Recombinant Human Chemokine (C-C motif) Ligand 20/MIP3 alpha

Catalog No.	CRM408A	**Quantity:**	5 µg
	CRM408B		20 µg
	CRM408C		1 mg

Alternate Names: Macrophage Inflammatory Protein 3 alpha, Exodus, CK-beta-4, LARC, MIP-3a, MIP-3-alpha, SCYA20, ST38

Description: Recombinant Human MIP-3 alpha/CCL20 is a single non-glycosylated polypeptide chain containing 70 amino acids.
Background: MIP-3α/CCL20, also known as LARC (Liver and Activation-regulated Chemokine) and as Exodus, is a CC chemokine that is
expressed in the liver, lymph nodes, appendix, PBL and lung and can signal through the CCR6 receptor. MIP-3 alpha is chemotactic towards lymphocytes and dendritic cells. Additionally, it promotes the adhesion of memory CD4+ T cells and inhibits colony formation of bone marrow myeloid immature progenitors.

Gene ID: 6364

Protein Accession No: NP_004582

Source: *E. coli*

Molecular Weight: 8.0 kDa

Formulation: Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4 + 100 mM NaCl.

Purity: >97% by SDS-PAGE and HPLC

Endotoxin Level: Less than 1EU/µg of rHuMIP-3alpha/CCL20 as determined by LAL method.

Biological Activity: Determined by its ability to chemoattract human T cells using a concentration of 10.0 -50.0 ng/mL.

Amino Acid Sequence: ASNFDCCLGY TDRILHPKFI VGFTRQLANE GCDINAIIFH TKKKLSVCAN PKQTWVKYIV RLLSKKVKNM

Reconstitution: **Centrifuge vial prior to opening.** Add sterile distilled water or aqueous buffer to a concentration of 0.1-1.0 mg/mL. Further dilutions should be made in appropriate buffered solutions.

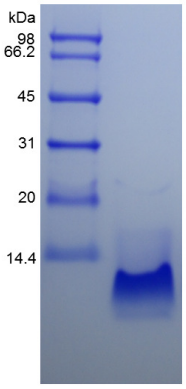
Storage & Stability: Stable at 2-8°C, but best kept desiccated -20°C. Upon reconstitution, stable for up to 1 week at 2-8°C. For longer term, store in working aliquots below -20°C. **Avoid repeated freeze/thaw cycles.**

® **Cell Sciences** ®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com

SDS-PAGE



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

Cell Sciences ®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com