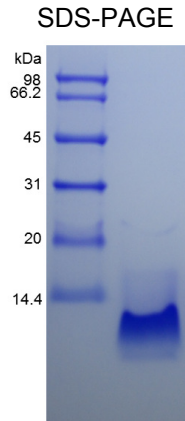


CCL20

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

Catalog No.	CRM408A CRM408B CRM408C	Quantity:	5 µg 20 µg 1 mg
Alternate Names:	Macrophage Inflammatory Protein 3 alpha, Exodus, CK-beta-4, LARC, MIP-3a, MIP-3-alpha, SCYA20, ST38		
Description:	<p>Recombinant Human MIP-3 alpha/CCL20 is a single non-glycosylated polypeptide chain containing 70 amino acids.</p> <p>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.</p>		
Gene ID:	6364		
Protein Accession No:	NP_004582		
Source:	<i>E. coli</i>		
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:	ASNFDCCCLGY TDRILHPKFI VGFTRQLANE GCDINAIIFH TKKKLSVCAN PKQTWVKYIV RLLSKVKVKNM		
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.		





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