Datasheet for ABIN988162

CCL20 Protein

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Overview

Quantity:	1 mg
Target:	CCL20
Origin:	Human
Source:	Escherichia coli (E. coli)
Biological Activity:	Active

Product Details

Sequence:	ASNFDCCLGY TDRILHPKFI VGFTRQLANE GCDINAIIFH TKKKLSVCAN PKQTWVKYIV RLLSKKVKN
Characteristics:	Fully biologically active when compared to standard. The ED50 determined by a chemotaxis bioassay using human T-lymphocytes is less than 20 ng/ml, corresponding to a specific activity of >, 5.0 × 104 IU/mg.
Purity:	> 97 % by SDS-PAGE and HPLC analyses.
Endotoxin Level:	Level Less than 1EU/µg of rHuMIP-3ª/CCL20 as determined by LAL method

Target Details

Target:	CCL20
Alternative Name:	MIP-3 alpha/CCL20 (CCL20 Products)
Background:	MIP-3 alpha/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

Target Details

	and dendritic cells. Additionally, it promotes the adhesion of memory CD4+ T cells and inhibits colony formation of bone marrow myeloid immature progenitors. Synonym: MIP-3 alpha/CCL20, Human. Formulation: Lyophilized from a 0.2μm filtered concentrated solution in 20mM PB, pH 7.4, 100mM NaCl.
Molecular Weight:	8.0 kDa, a single non-glycosylated polypeptide chain containing 70 amino acids.
Pathways:	The Global Phosphorylation Landscape of SARS-CoV-2 Infection

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at < -20 °C. Further dilutions should be made in appropriate buffered solutions.
Storage:	4 °C