

Datasheet for ABIN2018253
CCL20 Protein (AA 27-96)



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Overview

Quantity:	1 mg
Target:	CCL20
Protein Characteristics:	AA 27-96
Origin:	Human
Source:	CHO Cells
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Characteristics:	The EC50 value of humanMIP-3 alpha/CCL20 on Ca ²⁺ mobilization assay in CHO-K1/Ga15/hCCR6 cells (human Ga15 and human CCR6 stably expressed in CHO-K1 cells) is less than 200 ng/mL.
Purity:	> 98 % as analyzed by SDS-PAGE.
Endotoxin Level:	< 0.2 EU/μg, determined by LAL method.

Target Details

Target:	CCL20
Alternative Name:	MIP-3 alpha/ccl20 (CCL20 Products)
Background:	Chemokine (C-C motif) ligand 20 (CCL20) also known as liver activation regulated chemokine (LARC) or Macrophage Inflammatory Protein-3 (MIP3 alpha) is a small cytokine belonging to the CC chemokine family. It is strongly chemotactic for lymphocytes and weakly attracts

Target Details

neutrophils. Additionally, it promotes the adhesion of memory CD4+ T cells and inhibits colony formation of bone marrow myeloid immature progenitors. Recombinant human MIP-3 alpha/CCL20 produced in CHO cells is a polypeptide chain containing 70 amino acids. A fully biologically active molecule, rhMIP-3 alpha/CCL20 has a molecular mass of 8 kDa analyzed by reducing SDS-PAGE.

Synonyms: MIP-3 alpha/CCL20, Human

Molecular Weight: 8 kDa, observed by reducing SDS-PAGE.

UniProt: [P78556](#)

Pathways: [The Global Phosphorylation Landscape of SARS-CoV-2 Infection](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstituted in ddH₂O or PBS at 100 µg/mL.

Buffer: Lyophilized after extensive dialysis against PBS.

Storage: -80 °C

Storage Comment: Lyophilized recombinant Human MIP-3 alpha/CCL20 remains stable up to 6 months at -80 °C from date of receipt. Upon reconstitution, Human MIP-3 alpha/CCL20 should be stable up to 1 week at 4 °C or up to 2 months at -20 °C.

Expiry Date: 6 months