

Datasheet for ABIN6699618 **CCL20 Protein**



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1 Image

Overview

Quantity:	20 µg
Target:	CCL20
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Purpose:	MIP-3α Mouse Recombinant Protein
Purification:	Purity was determined to be greater than 95% by reducing and non-reducing SDS-PAGE and by analytical RP-HPLC.
Purity:	95,00%
Endotoxin Level:	Measured by LAL is < 0.01 ng/µg or < 0.1 EU/µg protein.
Biological Activity Comment:	Mouse MIP-3-alpha is fully biologically active when compared to standard. Activity is determined by the proteins ability to chemoattract mouse CCR6 transfected HEK/293 cells using a concentration range of 0.1-10.0 ng/ml.

Target Details

Target:	CCL20
Alternative Name:	Ccl20 (CCL20 Products)
Background:	Synonyms: C-C motif chemokine 20, Small-inducible cytokine A20, Macrophage inflammatory

Target Details

protein 3 alpha, MIP-3-alpha, Liver and activation-regulated chemokine, CC chemokine LARC, Beta-chemokine exodus-1, CC chemokine ST38

Background: Recombinant Mouse MIP-3-alpha represents a CC chemokine that is expressed in the liver, lymph nodes, lung and other tissues and signals through the CCR6 receptor. Mouse MIP-3 alpha shows chemotactic activity towards lymphocytes and dendritic cells. Recombinant Mouse MIP-3 alpha has a molecular weight of 7.9 kDa, comprised of 70 amino acids.

UniProt: [O89093](#)

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

Application Details

Application Notes: Other: User Optimized
Application_Note: MIP-3α protein has been tested by SDS-PAGE and is suitable as a control for polyclonal or monoclonal anti-MIP-3α in immunological assays.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution_Buffer: Restore with deionized water (or equivalent)
Reconstitution_Volume: 20 µL (20-200 µL)

Concentration: 0.1 mg/mL

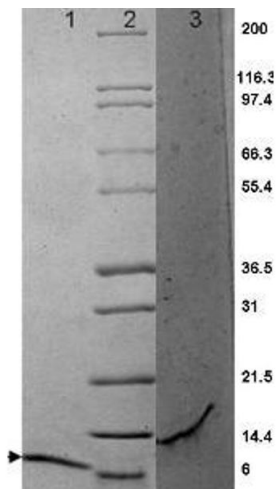
Buffer: Buffer: 0.1 % Trifluoroacetic acid
Stabilizer: None

Preservative: Without preservative

Storage: 4 °C,-20 °C

Storage Comment: Store vial at 4° C prior to restoration. Dilute only prior to immediate use. Maintain sterility. This product DOES NOT contain preservative. DO NOT VORTEX. We recommend adding a carrier protein such as HSA or BSA to 0.1% (i.e. 1.0 mg/mL) . For best results aliquot contents and freeze at -20° C or colder. Avoid cycles of freezing and thawing. Centrifuge vial before each opening to dislodge contents from the cap and to clarify if contents are not clear after standing at room temperature.

Expiry Date: 6 months



SDS-PAGE

Image 1. MIP-3a Mouse Cytokine - SDS-PAGE. SDS-PAGE shows band corresponding to MIP-3a (5 μ g) in lane 1 (unreduced, arrowhead) and lane 3 (reduced). Molecular weight estimation was made by comparison to prestained MW markers, lane 2.