

Datasheet for ABIN6699626

CCL3 Protein[Go to Product page](#)**1** Image

Overview

Quantity:	20 µg
Target:	CCL3
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Purpose:	MIP-1α Human Recombinant Protein
Purification:	Purity was determined to be greater than 97% by analysis by RP-HPLC and by reducing and non-reducing SDS-PAGE.
Purity:	97,00%
Endotoxin Level:	Measured by LAL is 0.15 EU/µg protein.
Biological Activity Comment:	Determined by its ability to chemoattract human monocytes using a concentration range of 0.5 - 8 ng/ml.

Target Details

Target:	CCL3
Alternative Name:	CCL3 (CCL3 Products)
Background:	Synonyms: Human Macrophage Inflammatory Protein-1, CCL3 alpha cytokine, C-C motif chemokine 3, Small-inducible cytokine A3, MIP-1-alpha, Tonsillar lymphocyte LD78 alpha

Target Details

protein, G0/G1 switch regulatory protein 19-1, SIS-beta, PAT 464.1

Background: Recombinant Human Macrophage Inflammatory Protein-1 (CCL3, MIP-1) produced in E. coli is a single, non-glycosylated, polypeptide chain containing 70 amino acids and having a molecular mass of 7820 Daltons.

UniProt: [P10147](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin, Autophagy](#)

Application Details

Application Notes: Application Note: MIP-1 α protein has been tested by SDS-PAGE and is suitable as a control for polyclonal or monoclonal anti-MIP-1 α in immunological assays.

Other: User Optimized

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution_Buffer: Restore with deionized water (or equivalent)

Reconstitution_Volume: 20 μ L (20-200 μ L)

Concentration: 0.1 mg/mL

Buffer: Buffer: 0.1 % Trifluoroacetic acid

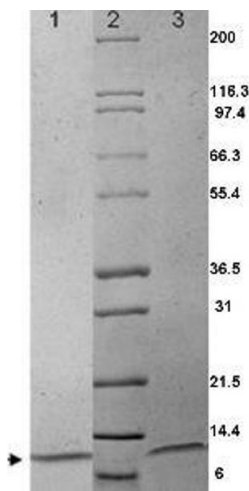
Stabilizer: None

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. MIP1a Human Cytokine - SDS-PAGE. SDS-PAGE shows bands corresponding to MIP-1a (1µg) in lane 1 (unreduced, arrowhead) and lane 3 (reduced). Molecular weight estimation was made by comparison to prestained MW markers, lane 2.