

Datasheet for ABIN6699627
CCL3 Protein



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1 Image

Overview

Quantity:	10 µg
Target:	CCL3
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Purpose:	MIP-1α Mouse Recombinant Protein
Purification:	Purity was determined to be greater than 95% by analysis by RP-HPLC and by reducing and non-reducing SDS-PAGE.
Purity:	95,00%
Endotoxin Level:	Measured by LAL is < 0.01 ng/µg or < 0.1 EU/µg protein.
Biological Activity Comment:	Mouse Macrophage Inflammatory Protein-1 is fully biologically active when compared to standard. The activity is calculated by the ability to chemoattract of Balb3/C splenocytes using 1-10 ng/ml.

Target Details

Target:	CCL3
Alternative Name:	Ccl3 (CCL3 Products)
Background:	Synonyms: Mouse Macrophage Inflammatory Protein-1-alpha, CCL3 cytokine, C-C motif

Target Details

chemokine 3, Small-inducible cytokine A3, Macrophage inflammatory protein 1- α , MIP-1- α , TY-5, SIS- α , Heparin-binding chemotaxis protein, L2G25B

Background: Recombinant Mouse Macrophage Inflammatory Protein-1 α produced in E. coli is a single, non-glycosylated, polypeptide chain containing 69 amino acids and having a molecular mass of 7820 Daltons.

UniProt: [P10855](#)

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: 10 μ L (10-100 μ L)

Concentration: 0.1 mg/mL

Buffer: Buffer: 0.1 % Trifluoroacetic acid

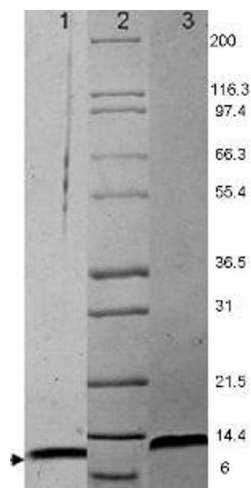
Stabilizer: None

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. MIP-1a Mouse 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.