

Datasheet for ABIN6700901

CCL4 Protein**1** Image[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	CCL4
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Purpose:	MIP-1 β Mouse Recombinant Protein
Purification:	Purity was determined to be greater than 95% as determined 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 beta is fully biologically active when compared to standard. The activity is calculated by the ability to chemoattract blood monocytes at 20-100 ng/mL.

Target Details

Target:	CCL4
Alternative Name:	Ccl4 (CCL4 Products)
Background:	Synonyms: Mouse Macrophage Inflammatory Protein-1-beta (CCL4), C-C motif chemokine 4,

Target Details

Small-inducible cytokine A4, Macrophage inflammatory protein 1-beta, MIP-1-beta, Immune activation protein 2, ACT-2, ACT2, Protein H400, SIS-gamma, Mip1b, Scya4

Background: MIP-1 β is a secreted monokine with inflammatory and chemokinetic properties and can exist as a homodimer. It belongs to the intercrine beta (chemokine CC) family.

Recombinant Mouse Macrophage Inflammatory Protein-1 beta produced in E. coli is a single, non-glycosylated, polypeptide chain containing 69 amino acids and having a molecular mass of 7,808 Daltons.

UniProt: [P14097](#)

Application Details

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

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

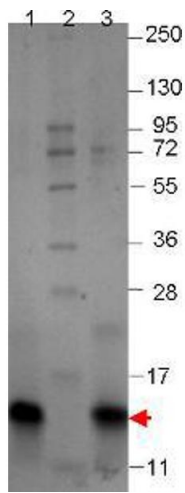
Buffer: Buffer: 0.1 % Trifluoroacetic acid
Stabilizer: None

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