

Murine MIP-1 beta / CCL4

Synonyms: Small inducible cytokine A4, CCL4, Macrophage inflammatory protein 1-beta, MIP-1- beta, MIP-1-beta(1-69), T-cell activation protein 2, ACT-2, PAT 744, H400, SIS-gamma, Lymphocyte activation gene 1 protein, LAG-1, HC21, G-26 T-lymphocyte-secreted protein,

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
2 µg	4615.960.002		
10 µg	4615.960.010		
1 mg	4615.960.199		

Please enquire for bulk quantities and other vial sizes

Description

Macrophage Inflammatory Protein-1 beta Murine Recombinant produced in *E.Coli* is a single, non-glycosylated, polypeptide chain containing 69 amino acids and having a molecular mass of 7808 Dalton.

- **Source** *E. Coli*
- **Purity** ≥ 98 % (SDS-PAGE, RP-HPLC)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** Lyophilized from a concentrated (1 mg/ml) solution in water containing no additives*
- **Physical state** Sterile filtered, lyophilized

Biological Activity

Mouse MIP-1 beta activity is calculated by the ability to chemoattract Human blood monocytes at 20-100ng/ml corresponding to a Specific Activity of 10,000-50,000IU/mg.

Reconstitution

We recommend a quick spin followed by reconstitution in sterile water to a concentration of at least 100 µg/ml, which can then be further diluted to other aqueous solutions. Do not vortex.

Stability

Lyophilized Mouse MIP-1b although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Mouse CCL4 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

APYGADTPTA CCFYSYRKIP RQFIVDYFET SSLCSQPGVI FLTKRNRQIC ADSKETWVQE YITDLELNA

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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