

Rat MIP-1 beta / CCL4

Synonyms: C-C motif chemokine 4, Macrophage inflammatory protein 1-beta, MIP-1-beta, Small-inducible cytokine A4, Ccl4, Mip1b, Scya4.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
5 µg	4615.970.005		
20 µg	4615.970.020		
1 mg	4615.970.199		

Please enquire for bulk quantities and other vial sizes

Description

MIP-1b Rat Recombinant produced in *E.Coli* is a single, non-glycosylated polypeptide chain containing 69 amino acids and having a molecular mass of 7.8 kDa.

- **Source** *E. Coli*
- **Purity** ≥ 97 % (SDS-PAGE, RP-HPLC)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** Filtered (0.2µm) and lyophilized from a concentrated (1mg/ml) solution in 30% Acetonitrile and 0.1% TFA*
- **Physical state** Sterile filtered, lyophilized

Biological Activity

Determined by its ability to chemoattract human monocytes using a concentration range of 0.01-1.0 µg/ml.

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

APIGSDPPTS CCFSYTSRKI HRNFVMDYYE TSSLCSQPAV VFLTKKGRQI CADPSEPWVN EYVNDLELN

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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