

# Rat MIP 1b Recombinant Protein



RPPB1219

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## Product Information    Protein Information

**Product SKU:**

RPPB1219

**Accession:**

P50230

**Host:**

Escherichia Coli.

**Protein 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. The MIP-1b is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

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

**Formulation:**

Filtered (0.2µm) and lyophilized from a concentrated (1mg/ml) solution in 30% Acetonitrile and 0.1% TFA.

**Purity:**

Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized Mouse MIP-1b in sterile 18MΩ-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**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 prevent freeze-thaw cycles.

**Amino Acid Sequence:**

APIGSDPPTS CCFSYTSRKI HRNFVMDYYE TSSLCSQPAV VFLTKKGRQI CADPSEPWVN EYVNDLELN.

**Biological Activity:**

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