


Mouse CCL4 Protein, His tag (Animal-Free)

Cat #: PRP1189

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

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| | Product Name: Mouse CCL4 Protein, His tag (Animal-Free) | | |
| REF | Catalog Number: PRP1189 | LOT | Lot Number: Refer to product label |
| | Purity: > 98 % as determined by SDS-PAGE | | |
|  | Storage: Store at -20°C | | Preparation method: E.coli |
| | Shipping: The product is shipped at ambient temperature. | | |

Background: C-C Motif Chemokine Ligand 4 (CCL4) also named macrophage inflammatory protein-1 β (MIP-1 β), is mainly secreted from neutrophils, monocytes, B cells, T cells, fibroblasts, endothelial cells, and epithelial cells. In addition, CCL4 participates in immune responses, including recruitment of immune cells like lymphocytes, monocytes, and leukocytes, response to IL-1 and IFN γ , and production of TNF when CCL4 binds to CCR5.

Sequence: Amino acid sequence derived from Mouse CCL4 (Ala24-Asn92) (P14097) was expressed with 6 \times His tag at the N-terminus.

Protein length: The recombinant Mouse CCL4 consists of 68 amino acids and predicts a molecular mass of 8.64 kDa.

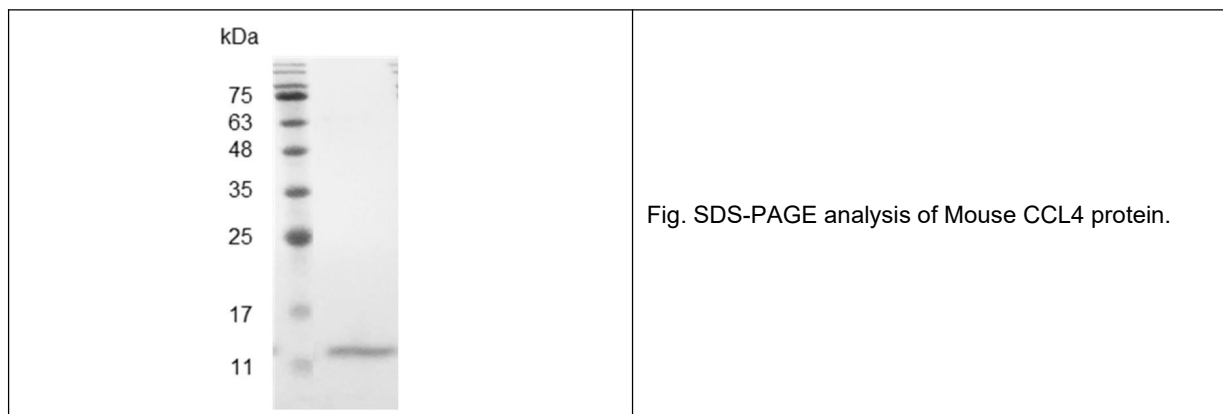
Biological Activity: Measured by its ability to chemoattract human PBMCs using a concentration range of 20.0-200.0 ng/mL.

Endotoxin: <0.1 EU per 1 µg of the protein by the LAL method.

Formulation: Lyophilized from PBS, pH 7.4.

Storage Instructions: Lyophilized protein product should be stored desiccated below -18°C. Upon reconstitution, the protein 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 (5% HSA, 10%FBS or 0.1%BSA). Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized recombinant protein to a concentration of 0.1-1 mg/mL using the buffer we provided, and keep at room temperature for at least 20 min to fully dissolve. Please avoid vortex vigorously.



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