

Mouse IL-13 Protein, Animal-Free

Cat #: PRP1967 Size: 5 µg/20 µg/100 µg/1 mg

Product Information

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| | Product Name: Mouse IL-13 Protein, Animal-Free | | |
| REF | Catalog Number: PRP1967 | LOT | Lot Number: Refer to product label |
| | Purity: > 95% as determined by SDS-PAGE | | |
|  | Storage: Store at -20°C | | Preparation method: <i>E.coli</i> |
| | Shipping: The product is shipped at ambient temperature. | | |

Background: Interleukin 13 (IL-13) with a molecular mass of 10 kDa cytokine, it secreted by T helper type 2 (Th2) cells, CD4 cells, natural killer T cell, mast cells, basophils, eosinophils and neutrophils. It is homologous to IL-4 and shares many of its biologic activities on mononuclear phagocytic cells, endothelial cells, epithelial cells, and B cells.

Sequence: Amino acid sequence derived from Mouse IL-13 (Pro22-Phe131) (P20109) was expressed.

Protein length: The recombinant Mouse IL-13 Protein consists of 110 amino acids and predicts a molecular mass of 13.06 kDa.

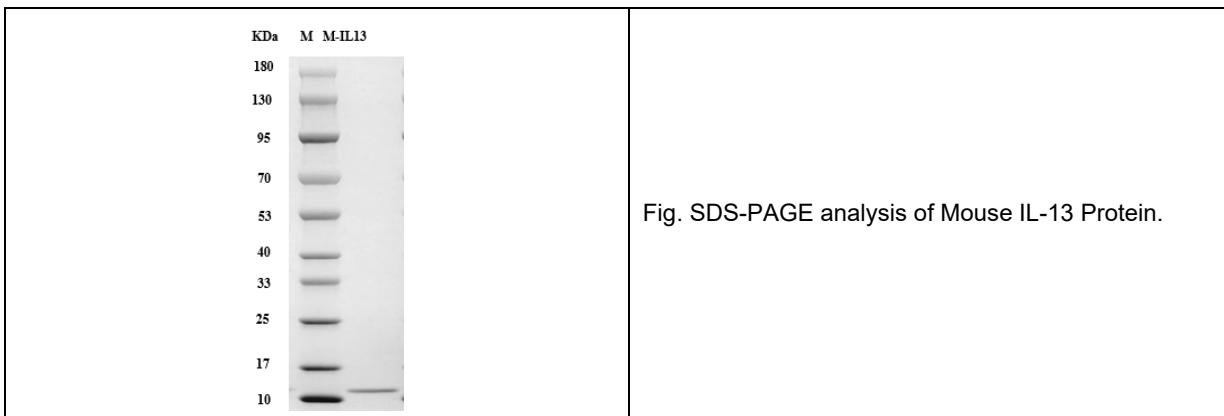
Biological Activity: Measured by its ability to induce TF-1 cells proliferation. The ED₅₀ for this effect is <10.12 ng/mL.

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

Formulation: Lyophilized from sterile 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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