

Recombinant Mouse Interleukin-9 (IL-9), C-His

Cat. No.: AP2C831

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 500 µg; 1 mg

Product Overview

BioVenic's Recombinant Mouse Interleukin-9 (IL-9), C-His is a recombinant protein expressed from Human Cells. Its predicted molecular weight is 16.1 kDa. The purity is >90%.

Specifications

Type	Recombinant Protein
Species	Mouse
Expression System	Human Cells
Purity	>90%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	16.1 kDa
Physical State	Lyophilized
Formulation	0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300.

Target Information

Mouse Interleukin-9 (IL-9) is a cytokine produced by T cells that plays a role in immune regulation and inflammation. IL-9 supports the survival and proliferation of various immune cells, including mast cells and T cells. It is implicated in allergic responses and certain inflammatory diseases. IL-9 signaling can drive the differentiation of T cells into distinct subsets, influencing the type of immune response mounted against different antigens. Its role in immune regulation makes it a potential target for therapeutic interventions in conditions where immune dysregulation is a key component.

Protein	Mouse Interleukin-9 (IL-9)
Protein Synonym	Cytokine P40;T-cell growth factor P40
Gene ID	16198
UniProt ID	P15247

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -20°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.