

## Recombinant Mouse Interleukin-18 (Il18), N-His

Cat. No.: AP2C568

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 500 µg; 1 mg

### Product Overview

BioVenic's Recombinant Mouse Interleukin-18 (Il18), N-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 22.1 kDa. The purity is >90%.

### Specifications

Type	Recombinant Protein
Species	Mouse
Expression System	<i>E.coli</i>
Purity	>90%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	22.1 kDa
Physical State	Lyophilized
Formulation	0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300.

### Target Information

Mouse Interleukin-18 (Il18) is a pro-inflammatory cytokine produced by immune cells in mice. It activates T cells and natural killer cells, enhancing their cytotoxicity and cytokine production. Il18 also regulates other immune functions, with expression changes linked to disease progression in autoimmune and infectious conditions. Its levels are a crucial indicator of inflammation and immune response.

Protein	Mouse Interleukin-18 (Il18)
Protein Synonym	Interferon gamma-inducing factor (IFN-gamma-inducing factor); Interleukin-1 gamma (IL-1 gamma)
Gene ID	<a href="#">16173</a>
UniProt ID	<a href="#">P70380</a>

### 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.

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### **User Note**

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

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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.