

Recombinant Mouse Interleukin-7 (IL7), C-His

Cat. No.: AP2C588

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 500 µg; 1 mg

Product Overview

BioVenic's Recombinant Mouse Interleukin-7 (IL7), C-His is a recombinant protein expressed from Human Cells. Its predicted molecular weight is 17.7 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	17.7 kDa
Physical State	Lyophilized
Formulation	0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300.

Target Information

Mouse Interleukin-7 (IL7) is a crucial immunomodulatory cytokine in mice, produced by stromal and epithelial cells. It plays a key role in the development and survival of T cells and B cells, promoting their proliferation and differentiation to maintain immune function. IL7 also regulates other aspects of the immune system, such as immune reconstitution and homeostasis. Changes in IL7 levels are an important indicator of immune system status and function.

Protein	Mouse Interleukin-7 (IL7)
Protein Synonym	IL-7; IL-7
Gene ID	16196
UniProt ID	P10168

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.