

Recombinant Mouse Interleukin-15 (Il15), N-His

Cat. No.: AP4C68

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 200 µg; 1 mg; 5 mg

Product Overview

BioVenic's Recombinant Mouse Interleukin-15 (Il15), N-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 14.5 kDa. The purity is >80%.

Specifications

Type	Recombinant Protein
Species	Mouse
Expression System	<i>E.coli</i>
Purity	>80%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	14.5 kDa
Physical State	Lyophilized
Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Target Information

Mouse Interleukin-15 (IL-15) is a cytokine that shares structural and functional similarities with IL-2. It is critical for the development and function of immune cells, particularly natural killer (NK) cells and memory CD8+ T cells. IL-15 signals through a receptor complex that includes the IL-15R α chain and the common gamma chain, promoting cell survival, proliferation, and activation. It plays a role in immune surveillance against tumors and infections. Dysregulation of IL-15 has been linked to autoimmune diseases and lymphoproliferative disorders.

Protein	Mouse Interleukin-15 (Il15)
Protein Synonym	IL-15; Il15
Gene ID	16168
EC No.	P48346

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -80°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. Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. 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.