

Recombinant Mouse Interleukin-17A (Il17a), N-His

Cat. No.: AP4C69

Product Type: Animal Proteins

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

Product Overview

BioVenic's Recombinant Mouse Interleukin-17A (Il17a), N-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 19.1 kDa. The purity is >97%.

Specifications

Type	Recombinant Protein
Species	Mouse
Expression System	<i>E.coli</i>
Purity	>97%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	19.1 kDa
Physical State	Lyophilized
Formulation	20mM Tris, 150 mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Target Information

Mouse Interleukin-17A (IL-17A) is a pro-inflammatory cytokine primarily produced by Th17 cells. It plays a central role in host defense against extracellular pathogens and is involved in the pathogenesis of autoimmune and inflammatory diseases. IL-17A induces the production of inflammatory cytokines and chemokines, promoting the recruitment of immune cells to sites of infection or tissue damage. It has been implicated in conditions such as rheumatoid arthritis, psoriasis, and multiple sclerosis. In the central nervous system, IL-17A contributes to neuroinflammation and may be involved in neurodegenerative processes.

Protein	Mouse Interleukin-17A (Il17a)
Protein Synonym	IL-17; IL-17A; Cytotoxic T-lymphocyte-associated antigen 8
Gene ID	16171
EC No.	Q61453

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.