

Recombinant Mouse Interleukin-33 (IL-33)

Cat. No.: AP2C817

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 500 µg; 1 mg

Product Overview

BioVenic's Recombinant Mouse Interleukin-33 (IL-33) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 30.0 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	30.0 kDa
Physical State	Lyophilized
Formulation	0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300.

Target Information

Mouse Interleukin-33 is a cytokine involved in immune responses, inflammatory reactions, and allergic reactions. It promotes immune cell activation and proliferation and regulates inflammatory mediator production. Research on IL-33 has uncovered its unique role in linking innate and adaptive immune responses, particularly in allergic sensitization and inflammation, prompting the exploration of targeted interventions to modulate its activity in allergic and inflammatory diseases.

Protein	Mouse Interleukin-33 (IL-33)
Protein Synonym	IL-33
Gene ID	77125
UniProt ID	Q8BVZ5

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.