

## Recombinant Sheep Interleukin-13 (IL13)

Cat. No.: AP1C138

Product Type: Animal Proteins

Size: 10 µg; 100 µg; 500 µg

### Product Overview

BioVenic's Recombinant Sheep Interleukin-13 (IL13) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 12.4 kDa. The purity is >95% (SDS-PAGE).

### Specifications

Type	Recombinant Protein
Species	Sheep
Expression System	<i>E.coli</i>
Purity	>95% (SDS-PAGE)
Predicted Molecular Weight	12.4 kDa
Physical State	Lyophilized
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.

### Target Information

Sheep interleukin-13 (IL-13) is a cytokine produced by T helper 2 (Th2) cells and plays a significant role in immune responses, particularly in allergic reactions and asthma. It regulates the activity of monocytes, macrophages, B cells, and other immune cells, influencing processes such as inflammation and antibody production. In sheep, IL-13 contributes to the modulation of immune responses and may be involved in the pathogenesis of diseases related to immune dysregulation.

Protein	Sheep Interleukin-13 (IL13)
Gene ID	<a href="#">664707</a>
UniProt ID	<a href="#">W5PZZ0</a>

### Shipping and Storage

This product is shipped with dry ice. It is recommended to aliquote as needed and store at -80°C upon receipt. Reconstituted protein solution can be stored at 4°C for 1 week, at < -80°C for 12 months.

## 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. Aliquote the reconstituted solution to minimise 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.