

Recombinant Equine Interleukin-13 (IL13), C-His

Cat. No.: AP9C656

Product Type: Animal Proteins

Size: 20 µg; 100 µg; 1 mg

Product Overview

BioVenic's Recombinant Equine Interleukin-13 (IL13), C-His is a recombinant protein expressed from Yeast. Its predicted molecular weight is 13.9 kDa. The purity is >90% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Equine
Expression System	Yeast
Purity	>90% (SDS-PAGE)
Predicted Molecular Weight	13.9 kDa
Physical State	Lyophilized
Formulation	The buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.

Target Information

Equine Interleukin-13 (IL13) is a cytokine critical for regulating immune responses, particularly in Th2 cell-mediated reactions. It plays a pivotal role in modulating inflammation and allergy, and influences B-cell functions. In equine veterinary medicine, IL13 is significant for managing respiratory diseases, allergies, and immune-mediated conditions in horses.

Protein	Equine Interleukin-13
Gene ID	100034113
UniProt ID	B6C802

Shipping and Storage

This product is shipped with dry ice. It is recommended to aliquot 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. Avoid repeated freezing and thawing.

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 minimise 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.