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Recombinant Mouse Interleukin-3 Receptor Subunit Alpha (IL-3RA), C-His

Cat. No.: AP2C967

Product Type: Animal Proteins

Size: 10 μg; 50 μg; 500 μg; 1 mg

Product Overview

BioVenic's Recombinant Mouse Interleukin-3 Receptor Subunit Alpha (IL-3RA), C-His is a recombinant protein expressed from Hu man Cells. Its predicted molecular weight is 43.2 kDa. The purity is>90%.

Specifications

Type	Recombinant Protein
Species	Mouse
Expression System	Human Cells
Purity	>90%
Endotoxin	< 1.0 EU/μg
Predicted Molecular Weight	43.2 kDa
Physical State	Lyophilized
Formulation	0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300.

Target Information

Mouse Interleukin-3 Receptor Subunit Alpha (IL-3RA) is a subunit of the interleukin-3 receptor complex. It is crucial for the activatio n and proliferation of hematopoietic cells. IL-3RA interacts with interleukin-3 (IL-3) and plays a role in mediating immune responses and hematopoiesis. This receptor is involved in various cellular processes, including cell survival and differentiation. Dysregulation of IL-3RA has been implicated in certain hematological malignancies and immune disorders. Targeting IL-3RA may offer therapeuti c potential in these conditions.

Protein	Mouse Interleukin-3 Receptor Subunit Alpha (IL-3RA)
Protein Synonym	Interleukin-3 receptor class II alpha chain; IL-3 receptor subunit alpha; IL-3R subuni t alpha; IL-3R-alpha; IL-3RA; CD123
Gene ID	16188
UniProt ID	P26952

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.