

Recombinant Canine Interleukin 3 Receptor Subunit Alpha (IL3RA), C-His

Cat. No.: AP7F452

Product Type: Animal Proteins

Size: 50 µg

Product Overview

BioVenic's Recombinant Canine Interleukin 3 Receptor Subunit Alpha (IL3RA), C-His is a recombinant protein expressed from HEK 293 Cells. Its predicted molecular weight is 34.2 kDa. The purity is >95% (SDS-PAGE). The endotoxin level is <1 EU/µg (LAL).

Specifications

Type	Recombinant Protein
Species	Canine
Expression System	HEK293 Cells
Purity	>95% (SDS-PAGE)
Endotoxin	<1 EU/µg (LAL)
Predicted Molecular Weight	34.2 kDa
Molecular Weight	44 kDa
Physical State	Lyophilized
Formulation	PBS, pH 7.4.

Target Information

In dogs, the Interleukin 3 Receptor Subunit Alpha (IL3RA) is encoded by the *IL3RA* gene. This protein functions as an interleukin 3-specific subunit within a heterodimeric cytokine receptor. The complete receptor complex includes a ligand-specific alpha subunit and a signal-transducing beta subunit, which is shared among the receptors for interleukin 3 (IL3), colony stimulating factor 2 (CSF2/GM-CSF), and interleukin 5 (IL5).

Protein	Canine Interleukin 3 Receptor Subunit Alpha (IL3RA)
Protein Synonym	Interleukin 3 receptor, alpha; IL3RA; CD123; IL3R; interleukin 3 receptor subunit alpha
Gene ID	609293

Shipping and Storage

This product is shipped with dry ice. Avoid repeated freezing and thawing. Store for 12 months at -20°C or -80°C.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Aliquote 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.