

Recombinant Caprine Interleukin 5 (IL5), N-His

Cat. No.: AP7F20

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 200 µg; 1 mg; 5 mg

Product Overview

BioVenic's Recombinant Caprine Interleukin 5 (IL5), N-His is a recombinant protein expressed from *E.coli* expression system. Its predicted molecular weight is . The purity is greater than 95% (SDS-PAGE). The endotoxin level is <1 EU/µg (LAL). It can be used as a positive control or as an immunogen.

Specifications

Type	Recombinant Protein
Species	Caprine
Expression System	<i>E.coli</i>
Purity	>95% (SDS-PAGE)
Endotoxin	<1 EU/µg (LAL)
Physical State	Lyophilized
Formulation	PBS, pH 7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

Target Information

Interleukin 5 is encoded by the *IL5* gene in goats. IL-5 binds to the interleukin-5 receptor, promoting the growth of B cells and increasing the secretion of immunoglobulins, primarily IgA. IL5 was originally defined as a T-cell-derived cytokine that induces activated B cells to terminal differentiate into antibody-secreting plasma cells. It acts on target cells by binding to its specific receptor.

Protein	Caprine Interleukin 5 (IL5)
Protein Synonym	IL-5; IL5; EDF; TRF; E-CSF; ESGF
Gene ID	102188034

Shipping and Storage

This product is shipped with dry ice. Avoid repeated freezing and thawing. Store for 4 weeks at 2-8°C, for 12 months at -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.