

## Recombinant Canine Interleukin-6 (IL6), C-His

Cat. No.: AP1C99

Product Type: Animal Proteins

Size: 25 µg

### Product Overview

BioVenic's Recombinant Canine Interleukin-6 (IL6), C-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 22.0 kDa. The purity is >95% (SDS-PAGE).

### Specifications

Type	Recombinant Protein
Species	Canine
Expression System	<i>E.coli</i>
Purity	>95% (SDS-PAGE)
Endotoxin	<0.01 EU/µg
Predicted Molecular Weight	22.0 kDa
Physical State	Lyophilized
Formulation	The buffer before lyophilization is a 0.2 µm filtered solution in PBS.

### Target Information

Canine IL-6 is a multifunctional cytokine that plays a crucial role in immune responses, inflammation, and the acute phase reaction. It is involved in the regulation of the body's response to infection and injury, and it stimulates the production of antibodies and the differentiation of B cells into plasma cells. In dogs, IL-6 is important for host defense, acute phase response, and hematopoiesis, and it is produced by various cells including T cells, B cells, monocytes/macrophages, fibroblasts, hepatocytes, and endothelial cells.

Protein	Canine Interleukin-6 (IL6)
Gene ID	<a href="#">403985</a>
UniProt ID	<a href="#">P41323</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.

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## User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute at 100 µg/mL in PBS. 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.