

## Recombinant Equine Interleukin 2 (IL2), N-His

Cat. No.: AP7F81

Product Type: Animal Proteins

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

### Product Overview

BioVenic's Recombinant Equine Interleukin 2 (IL2), N-His is a recombinant protein expressed from *E.coli* expression system. Its predicted molecular weight is 18.6 kDa. 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	Equine
Expression System	<i>E.coli</i>
Purity	>95% (SDS-PAGE)
Endotoxin	<1 EU/µg (LAL)
Predicted Molecular Weight	18.6 kDa
Molecular Weight	18 kDa
Physical State	Lyophilized
Formulation	PBS, pH 7.4, containing 0.01% SKL, 5% Trehalose.

### Target Information

Interleukin 2 is encoded by the *IL2* gene in horses. IL2 is known as a T cell growth factor and is a glycoprotein produced by T lymphocytes upon appropriate stimulation. IL-2 is essential for establishing cellular immune memory and recognizing self-antigens and foreign antigens.

Protein	Equine Interleukin 2 (IL2)
Protein Synonym	TCGF; Lymphokine; T-Cell Growth Factor; Aldesleukin
Gene ID	<a href="#">100034204</a>
UniProt ID	<a href="#">P37997</a>

### 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.

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## User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in 10 mM PBS (pH 7.4) to a concentration of 0.1-1.0 mg/mL. 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.