

Recombinant Porcine Interleukin-2 (IL2)

Cat. No.: AP7F538

Product Type: Animal Proteins

Size: 10 µg

Product Overview

BioVenic's Recombinant Porcine Interleukin-2 (IL2) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 15.2 kDa. The purity is >96% (SDS-PAGE). The endotoxin level is <1 EU/µg (LAL).

Specifications

Type	Recombinant Protein
Species	Swine
Expression System	<i>E.coli</i>
Biological Activity	Active
Purity	>96% (SDS-PAGE)
Endotoxin	<1 EU/µg (LAL)
Predicted Molecular Weight	15.2 kDa
Physical State	Lyophilized
Formulation	PBS, pH 7.4.

Target Information

Interleukin 2 (IL-2) is a cytokine known as T cell growth factor. It has many biological properties such as the induction of cytotoxic T cells, the activation of NK cells, and stimulation of LAK cells. It is often used to reflect the level of immunity of pigs.

Protein	Porcine Interleukin-2 (IL2)
Protein Synonym	IL-2; POIL2; TCGF; Interleukin-2; T-cell growth factor
Gene ID	396868
UniProt ID	P26891

Shipping and Storage

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

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. 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.