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Datasheet for ABIN7505459

**IL-2 Protein (AA 23-143) (His tag)**

## Overview

Quantity:	100 µg
Target:	IL-2 (IL2)
Protein Characteristics:	AA 23-143
Origin:	Chicken
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-2 protein is labelled with His tag.

## Product Details

Sequence:	Ala 23-Lys 143
Characteristics:	A DNA sequence encoding the chicken IL2/IL-2/Interleukin-2 protein (073883) (Ala 23-Lys 143) was expressed with a C-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	IL-2 (IL2)
Alternative Name:	IL2 ( <a href="#">IL2 Products</a> )
Background:	<p>Background: IL2 is a secreted cytokine involved in the operation and regulation of immune system. IL2 plays a pivotal role in T-cell activation and effector functions, including T cell proliferation, interferon-γ production and cytotoxicity. IL2 can stimulate the propagation of T cells.</p> <p>Synonym: interleukin-2, IL2, IL 2, IL-2, IL2, Interleukin 2</p>

Target Details

Molecular Weight:	13.2 kDa
UniProt:	<a href="#">O73883</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Activated T Cell Proliferation</a>

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months