

Datasheet for ABIN7583231

IL-2 Protein (AA 21-153) (Biotin,His-Avi Tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	IL-2 (IL2)
Protein Characteristics:	AA 21-153
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-2 protein is labelled with Biotin,His-Avi Tag.

Product Details

Purpose:	Biotinylated Human IL-2 Protein
Sequence:	Ala21-Thr153
Characteristics:	Recombinant Biotinylated Human IL-2 Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus.It contains Ala21-Thr153.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	IL-2 (IL2)
Alternative Name:	IL-2 (IL2 Products)

Target Details

Background:	Interleukin-2 (IL-2) is an interleukin, a type of cytokine signaling molecule in the immune system. It is a 15,5 - 16 kDa protein that regulates the activities of white blood cells (leukocytes, often lymphocytes) that are responsible for immunity. IL-2 has essential roles in key functions of the immune system, tolerance and immunity, primarily via its direct effects on T cells.
Molecular Weight:	18.32 kDa. Due to glycosylation, the protein migrates to 19-25 kDa based on Tris-Bis PAGE result.
UniProt:	P60568
Pathways:	JAK-STAT Signaling , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Activated T Cell Proliferation

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
Buffer:	Supplied as 0.22 µm filtered solution in PBS (pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months