

Datasheet for ABIN7281150  
**IL-4 Protein (AA 25-153)**



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1 Image

## Overview

Quantity:	100 µg
Target:	IL-4 (IL4)
Protein Characteristics:	AA 25-153
Origin:	Rat
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	TPCPQAWGPP GVQYGQPGRP VMLCCPGVNA GTPVSWFRDG DSRLQLQGPS GLGHRVLVAQ VDSRDEGTIV CRTLDGVFGG MVTCLKGSPP ARPEVSCQAV DYENFSCVWS PGRVSGLPTR YLTSYRKKTL PGAESQRESP STGPWPCPD PLEASRCVVH GAEFWSEYRI NVTEVNPLGA STCLLDVRLQ RILRPDPPQG LRVESVPGYP RRLHASWTYP ASWRRQPHFL LKFRLQYRPA QHPAWSTVEP IGLEELITDA VAGLPHAVRV SARDFLDAGT WSAWSPEAWG TPSTGPLRDE VPDGSRGHEQ KLEAAAQEDS PAPPSPSLQP DPRPLDHRDP LEQVAVLAVE HHHHHH
Purity:	> 85 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

## Target Details

Target:	IL-4 (IL4)
Alternative Name:	IL4 ( <a href="#">IL4 Products</a> )

## Target Details

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Background:	Il11ra1, also known as interleukin-11 receptor subunit alpha, is a subunit of the interleukin 11 receptor which is a member of the hematopoietic cytokine receptor family. It can utilize IL6ST for initiating signal transmission. It is expressed in a number of cell lines, including the myelogenous leukemia cell line K562, the megakaryocytic leukemia cell line Mo7E, the erythroleukemia cell line TF1, and the osteosarcoma cell lines, MG-63 and Saos-2. It is also expressed in normal and malignant prostate epithelial cell lines. Recombinant rat Il11ra1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	39.2kDa (356aa) 40-57kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	<a href="#">NP_620816</a>
UniProt:	<a href="#">Q99MF4</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="#">Proton Transport</a> , <a href="#">Activated T Cell Proliferation</a>

## Application Details

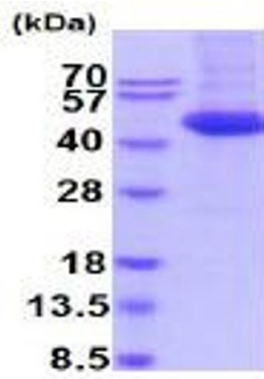
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Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Bioactivity Validated
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

### SDS-PAGE

Image 1.