

Datasheet for ABIN7274947  
**IL-3 Protein (AA 27-166) (Fc Tag)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	IL-3
Protein Characteristics:	AA 27-166
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-3 protein is labelled with Fc Tag.

## Product Details

Purpose:	Mouse IL-3 Protein
Sequence:	Ala27-Cys166
Characteristics:	Recombinant Mouse IL-3 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Ala27-Cys166.
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-3
Alternative Name:	IL-3 ( <a href="#">IL-3 Products</a> )

## Target Details

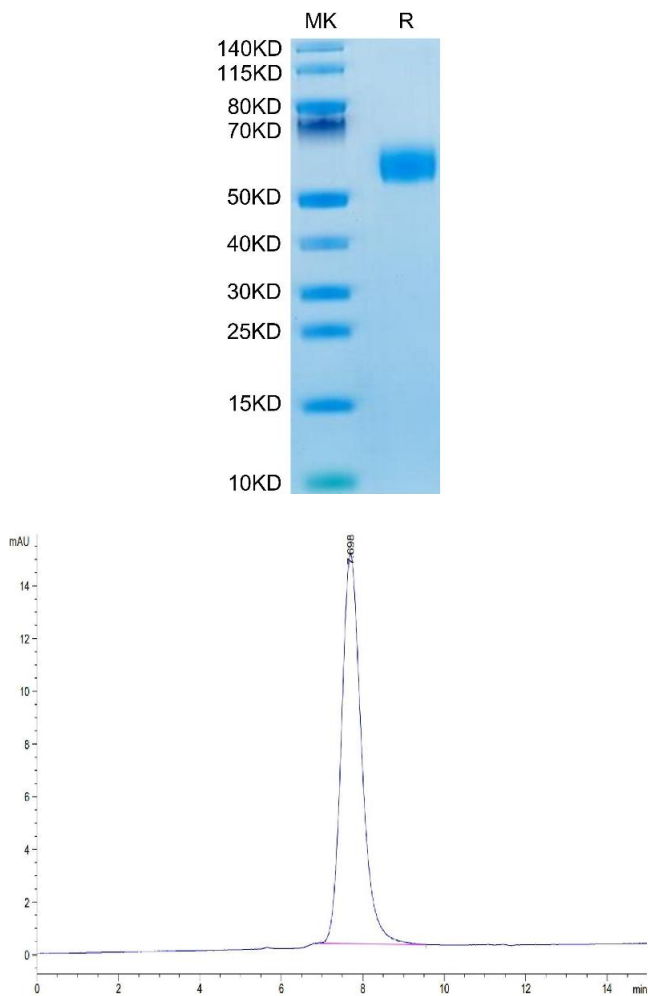
Background:	Interleukin 3 is a pleiotropic factor produced primarily by activated T cells that can stimulate the proliferation and differentiation of pluripotent hematopoietic stem cells as well as various lineage committed progenitors. This CSF induces granulocytes, macrophages, mast cells, stem cells, erythroid cells, eosinophils and megakaryocytes.
Molecular Weight:	42.2 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">P01586</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Autophagy</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

**Image 1.** Mouse IL-3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Mouse IL-3 is greater than 95 % as determined by SEC-HPLC.