

[Go to Product page](#)

Datasheet for ABIN6253245

**IL-24 Protein (AA 53-207) (Fc Tag)**

## Overview

Quantity:	25 µg
Target:	IL-24 (IL24)
Protein Characteristics:	AA 53-207
Origin:	Human
Source:	CHO Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-24 protein is labelled with Fc Tag.

## Product Details

Purpose:	IL-24 (human):Fc (human) (rec.)
Specificity:	The extracellular domain of human IL-24 (aa 53-207) is fused to the N-terminus of the Fc region of a human IgG1.
Characteristics:	<p>Protein. The extracellular domain of human IL-24 (aa 53-207) is fused to the N-terminus of the Fc region of a human IgG1. Source: CHO cells. Endotoxin content: &lt;0.06EU/µg protein (LAL test, Lonza). Lyophilized from 0.2µm-filtered solution in PBS. Purity: &gt;98 % (SDS-PAGE). IL-24 is a cytokine belonging to the IL-10 family of cytokines that signals through two heterodimeric receptors: IL-20R1/IL-20R2 and IL-22R1/IL-20R2. This interleukin is also known as melanoma differentiation-associated 7 (mda-7) due to its discovery as a tumour suppressing protein. IL-24 appears to control cell survival and proliferation by inducing rapid activation of particular transcription factors called STAT1 and STAT3. It is predominantly released by activated monocytes, macrophages and T helper 2 (Th2) cells and acts on non-haematopoietic tissues such as skin, lung and reproductive tissues. IL-24 performs important roles in wound healing,</p>

## Product Details

psoriasis and cancer. IL-24 has antiproliferative properties is inhibiting angiogenesis and may contribute to terminal cell differentiation.

Purity: >98 % (SDS-PAGE)

Endotoxin Level: <0.06EU/μg protein (LAL test, Lonza).

## Target Details

Target: IL-24 (IL24)

Alternative Name: IL-24 ([IL24 Products](#))

Background: Alternate Names/Synonyms: Interleukin-24, MDA7, ST16  
Product Description: IL-24 is a cytokine belonging to the IL-10 family of cytokines that signals through two heterodimeric receptors: IL-20R1/IL-20R2 and IL-22R1/IL-20R2. This interleukin is also known as melanoma differentiation-associated 7 (mda-7) due to its discovery as a tumour suppressing protein. IL-24 appears to control cell survival and proliferation by inducing rapid activation of particular transcription factors called STAT1 and STAT3. It is predominantly released by activated monocytes, macrophages and T helper 2 (Th2) cells and acts on non-haematopoietic tissues such as skin, lung and reproductive tissues. IL-24 performs important roles in wound healing, psoriasis and cancer. IL-24 has antiproliferative properties is inhibiting angiogenesis and may contribute to terminal cell differentiation.

Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [Positive Regulation of Endopeptidase Activity](#), [Autophagy](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Concentration: Lot specific

Buffer: Lyophilized from 0.2μm-filtered solution in PBS.

Handling Advice: Avoid freeze/thaw cycles.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C

Long Term Storage: -20°C

Use & Stability: Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.