

Datasheet for ABIN7566255

IL-24 Protein (AA 53-207) (Fc Tag)[Go to Product page](#)

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.)
Cross-Reactivity:	Human
Characteristics:	The extracellular domain of human IL-24 (aa 53-207) is fused to the N-terminus of the Fc region of a human IgG1.
Purity:	>98 % (SDS-PAGE)
Sterility:	Sterile filtered
Endotoxin Level:	<0.06EU/µg protein (LAL test, Lonza).

Target Details

Target:	IL-24 (IL24)
Alternative Name:	IL-24 (IL24 Products)

Target Details

Background:	<p>Interleukin-24, MDA7, ST16</p> <p>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.</p>
Pathways:	Cellular Response to Molecule of Bacterial Origin , Positive Regulation of Endopeptidase Activity , Autophagy

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from 0.2µm-filtered solution in PBS.
Handling Advice:	Avoid freeze/thaw cycles. Centrifuge lyophilized vial before opening and reconstitution.
Storage:	4 °C, -20 °C
Storage Comment:	<p>Short Term Storage: +4°C</p> <p>Long Term Storage: -20°C</p> <p>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.</p>