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Datasheet for ABIN7448047
IL-24 Protein (His tag)

Overview

Quantity:	100 µg
Target:	IL-24 (IL24)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-24 protein is labelled with His tag.

Product Details

Purpose:	Human IL-24 Protein, His Tag (BLI verified)
Sequence:	Gln 52 - Leu 206
Characteristics:	Human IL-24 Protein, His Tag is expressed from human 293 cells (HEK293). It contains AA Gln 52 - Leu 206 (Accession # Q13007-1).
Purity:	90,00 %
Endotoxin Level:	1.0 EU per µg
Grade:	BLI verified

Target Details

Target:	IL-24 (IL24)
Alternative Name:	IL-24 (IL24 Products)
Background:	Synonyms:Interleukin-24,IL-24,Melanoma differentiation-associated gene 7 protein,MDA-

Target Details

7,Suppression of tumorigenicity 16 protein,IL24,MDA7,ST16,Description:Interleukin-24 (IL-24, also known as melanoma differentiation-associated gene-7) belongs to the family of IL-10-related cytokines, which includes IL-10, -19, -20, -22, -24 and -26. Interleukin 24 signals through two heterodimeric receptors: IL-20R1/IL-20R2 and IL-22R1/IL-20R2. Upon binding to its receptors, IL-24 induces rapid activation of Stat-1 and Stat-3 transcription factors, which appear to play a role in cell survival and proliferation . Structurally and functionally, IL-24 is highly conserved across species.IL-24 has been shown to possess cancer-specific apoptosis-inducing activity, and has therefore been suggested as a potential anti-cancer agent.

Molecular Weight: 20.0 kDa

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

Application Details

Comment: This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 20.0 kDa. The protein migrates as 30-35 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -20 °C

Storage Comment: -20°C