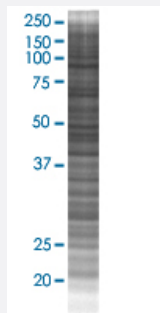


IL24 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00011009-T02

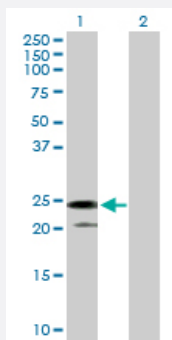
Size 100 uL

Applications



SDS-PAGE Gel

IL24 transfected lysate.



Western Blot

Lane 1: IL24 transfected lysate (23.80 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-IL24 full-length
Host	Human
Theoretical MW (kDa)	23.8
Interspecies Antigen Sequence	Mouse (66); Rat (63)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-IL24 antibody ([H00011009-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 IL24 transfected lysate.
 Western Blot
 Lane 1: IL24 transfected lysate (23.80 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — IL24

Entrez GeneID

[11009](#)

GeneBank Accession#

[NM_006850](#)

Protein Accession#

[NP_006841.1](#)

Gene Name

IL24

Gene Alias

C49A, FISP, IL-24, IL10B, MDA7, Mob-5, ST16, mda-7

Gene Description

interleukin 24

Omim ID

[604136](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a member of the IL10 family of cytokines. It was identified as a gene induced during terminal differentiation in melanoma cells. The protein encoded by this gene can induce apoptosis selectively in various cancer cells. Overexpression of this gene leads to elevated expression of several GADD family genes, which correlates with the induction of apoptosis. The phosphorylation of mitogen-activated protein kinase 14 (MAPK7/P38), and heat shock 27kDa protein 1 (HSPB2/HSP27) are found to be induced by this gene in melanoma cells, but not in normal immortal melanocytes. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]

Other Designations

IL-24 splice variant delE3|IL-24 splice variant delE5|OTTHUMP00000034620|melanoma differentiation association protein 7|suppression of tumorigenicity 16 (melanoma differentiation)

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Chronic Disease](#)
- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Infant](#)
- [Periodontitis](#)
- [Psoriasis](#)
- [Respiratory Syncytial Virus Infections](#)