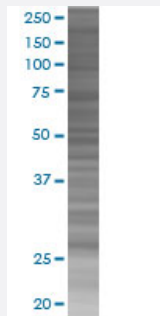


IFIH1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00064135-T01

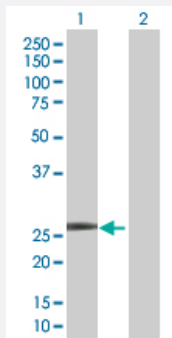
Size 100 uL

Applications



SDS-PAGE Gel

IFIH1 transfected lysate.



Western Blot

Lane 1: IFIH1 transfected lysate (25.1 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-IFIH1 full-length
Host	Human
Theoretical MW (kDa)	25.1
Interspecies Antigen Sequence	Mouse (67); Rat (69)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-IFIH1 antibody ([H00064135-B01](#)) by Western Blots.
SDS-PAGE Gel
IFIH1 transfected lysate.
Western Blot
Lane 1: IFIH1 transfected lysate (25.1 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 — IFIH1

Entrez GeneID[64135](#)**GeneBank Accession#**[BC046208.1](#)**Protein Accession#**[-](#)**Gene Name**

IFIH1

Gene Alias

Hlcd, IDDM19, MDA-5, MDA5, MGC133047

Gene Description

interferon induced with helicase C domain 1

Omim ID[606951 610155](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein that is upregulated in response to treatment with beta-interferon (IFNB) and a protein kinase C-activating compound, mezerein (MEZ). Irreversible reprogramming of melanomas can be achieved by treatment with both these agents; treatment with either agent alone only achieves reversible differentiation. [provided by RefSeq]

Other Designations

DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide|helicard|melanoma differentiation associated protein-5

Disease

- [Addison Disease](#)
- [Arthritis](#)
- [Autoimmune Diseases](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Encephalomyelitis](#)
- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Graves Ophthalmopathy](#)
- [Hashimoto Disease](#)
- [IgA Deficiency](#)
- [Lupus Erythematosus](#)
- [Multiple Sclerosis](#)
- [Prostatic Neoplasms](#)
- [Psoriasis](#)
- [Subacute Sclerosing Panencephalitis](#)
- [Thyroiditis](#)