

Interferon-induced helicase C domain-containing protein 1 (Ifih1) Recombinant Protein | Ifih1 recombinant protein

Recombinant Mouse Interferon-induced helicase C domain-containing protein 1 (Ifih1) , partial

CATALOG # AAA117657	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Interferon-induced helicase C domain-containing protein 1 (Ifih1); Recombinant Mouse Interferon-induced helicase C domain-containing protein 1 (Ifih1); partial; Ifih1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	700-1025aa; Partial
Sequence	KLILRNTIL EQFTRSEESS RGIIFTKTRQ STYALSQWIM ENAKFAEVGV KAHHLIGAGH SSEVKPMTQT EQKEVISKFR TGEINLLIAT TVAEEGLDIK ECNIVIRYGL VTNEIAMVQA RGRARADEST YVLVTSSGSG VTEREIVNDF REKMMYKAIN RVQNMKPEEY AHKILELQVQ SILEKKMKVK RSIKQYNDN PSLITLLCKN CSMLVCSGEN IHVIEKMHHV NMTPEFKGLY IVRENKALQK KFADYQTNGE IICKCGQAWG TMMVHKGLDL PCLKIRNFVV NFKNNSPKKQ YKKWVELPIR FPDLDYSEYC LYSDDED
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Ifih1 recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	257096038
NCBI GeneID	71586
NCBI Accession #	NP_001157949.1
NCBI GenBank Nucleotide #	NM_001164477.1
UniProt Accession #	Q8R5F7; Q3U6S2; Q68EM4; Q8BYC9; Q8BZ01; Q8K5C7; Q8R144; Q8VE79; Q99KS4; Q9D2Z5; A2AU7
Molecular Weight	110,842 Da

NCBI Official Full Name	interferon-induced helicase C domain-containing protein 1 isoform 2
NCBI Official Synonym Full Names	interferon induced with helicase C domain 1
NCBI Official Symbol	Ifih1
NCBI Official Synonym Symbols	HLcd; MDA5; RLR-2; Helicard; 9130009C22Rik
NCBI Protein Information	interferon-induced helicase C domain-containing protein 1
UniProt Protein Name	Interferon-induced helicase C domain-containing protein 1
UniProt Gene Name	Ifih1
UniProt Synonym Gene Names	Helicard; MDA-5; RLR-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ifih1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117657>