

Interferon Induced Helicase C Domain Containing Protein 1 Recombinant Protein | IFIH1 recombinant protein

Recombinant Interferon Induced Helicase C Domain Containing Protein 1 (IFIH1)

CATALOG # AAA144379	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Interferon Induced Helicase C Domain Containing Protein 1; Recombinant Interferon Induced Helicase C Domain Containing Protein 1 (IFIH1); IFIH1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. RKYNALQINDTIRMIDAYTHLETIFYNEKDKKFAVIEDSDEGGDDEYCDGDEDEDD LKKPLKLD ETD DRFLMTLFFE NNKMLKRLAE NPEYENEKLT KLRNTIMEQY TRTEESARGI IFTKTRQSAY ALSQWITENE KFAEVGVKAH HLGAGHSSE FKPMTQNEQK EVISKFRGTGK INLLIATTVA EEGLDIKECN IVIRYGLVTN EIA
Sequence Length	1025
Applicable Applications for IFIH1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	28.2kDa
Accurate Molecular Mass (KD)	28kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	N-terminal His-Tag
Organism Species	Homo sapiens (Human)
Fragment	Arg605~Ala815
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES

Application Data



Sequence



SDS-PAGE



NCBI AND UNIPROT INFORMATION

NCBI GI #	27886568
NCBI GeneID	64135
NCBI Accession #	NP_071451.2
NCBI GenBank Nucleotide #	NM_022168.3
Molecular Weight	25,129 Da
NCBI Official Full Name	interferon-induced helicase C domain-containing protein 1
NCBI Official Synonym Full Names	interferon induced with helicase C domain 1
NCBI Official Symbol	IFIH1
NCBI Official Synonym Symbols	AGS7; Hlcd; MDA5; MDA-5; RLR-2; IDDM19; SGMRT1
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	MDA5; RH116; CADM-140 autoantigen; Helicard; MDA-5; RLR-2
UniProt Entry Name	IFIH1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/ifih1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144379>