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Datasheet for ABIN2722584 IFIH1 Protein (Myc-DYKDDDDK Tag)

1 Image

8 Publications



Overview

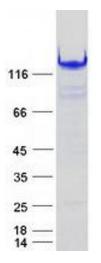
Quantity:	20 µg
Target:	IFIH1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFIH1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human Helicard protein expressed in HEK293 cells. Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	IFIH1
Alternative Name:	Helicard (IFIH1 Products)
Background:	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

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Target Details

	and division. This gene encodes a DEAD box protein that is upregulated in response to
	treatment with beta-interferon and a protein kinase C-activating compound, mezerein. Irreversible reprogramming of melanomas can be achieved by treatment with both these
	agents treatment with either agent alone only achieves reversible differentiation. Genetic
	variation in this gene is associated with diabetes mellitus insulin-dependent type 19.
Molecular Weight:	116.5 kDa
NCBI Accession:	NP_071451
Pathways:	Activation of Innate immune Response
Application Details	
Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze
	immediately. Only 2-3 freeze thaw cycles are recommended.
Publications	
Product cited in:	Park, Jo, Kim, Kim, Lee, Park, Kim, Lee, Kim, Park, Dong, Lee: "Role of LOXL2 in the epithelial-
	mesenchymal transition and colorectal cancer metastasis." in: Oncotarget , Vol. 8, Issue 46, pp.
	80325-80335, (2017) (PubMed).
	There are more publications referencing this product on: Product page

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Western Blotting

Image 1. Validation with Western Blot

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