9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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IFIH1 Human

Interferon Induced With Helicase C Domain 1 Human Recombinant
RCP1111

Product Overview

Name	IFIH1 Human
Description	
Interferon Induced With Helicase C Domain 1 Human Recombinant	
Accession (Primary)	Q9BYX4
Synonyms	
Interferon-induced helicase C domain-containing protein 1, Clinically amyopathic dermatomyositis autoantigen 140 kDa, CADM-140 autoantigen, Helicase with 2 CARD domains, Helicard, Interferon-induced with helicase C domain protein 1, Melanoma differentiation-associated protein 5, MDA-5, Murabutide down-regulated protein, RIG-I-like receptor 2, RLR-2, RNA helicase-DEAD box protein 116, IFIH1, MDA5, RH116, Hlcd, IDDM19.	
Introduction	
IFIH1 is a DEAD box protein which is upregulated in response to treatment with beta-interferon and a protein kinase C-activating compound, mezerein. Irreversible reprogramming of melanomas can be attained by therapy with both these agents; treatment with either agent alone only achieves reversible differentiation. DEAD box proteins are implicated in several cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly.	
Source	
Sf9 Insect Cells.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
IFIH1 is supplied in 20mM HEPES buffer pH-7.9, 550mM NaCl and 6M Urea.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 93.0% as determined by SDS-PAGE.	
Precautions	
IFIH1 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q9BYX4)