



## Human MDA5 [His] (DAG4866)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

Species	Human
Purity	>80% as determined by SDS-PAGE
Conjugate	His
Applications	WB
Molecular Weight	118 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	50 µg
Preservative	None
Storage	2-8°C short term, -20°C long term

### BACKGROUND

Introduction	Melanoma differentiation-associated protein 5 (MDA5), also known as Ifih1 and Helicard, is a cytoplasmic RNA helicase and belongs to the retinoic acid-inducible gene-I (RIG-I) family. RIG-I and MDA5 each contain two caspase-recruitment domains and a DExD/H-box helicase domain, and play important roles in the recognition of viral RNAs as part of the innate immune system. These two molecules recognize different ds-RNAs, MDA5 detects picornavirus and longer double-stranded RNAs than RIG-I detects.
Keywords	Melanoma differentiation-associated protein 5; IFIH1; RIG-I-like receptor