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Datasheet for ABIN2719286 DDX5 Protein (Myc-DYKDDDDK Tag)

1 Image

2 Publications

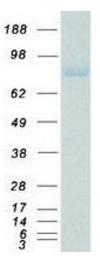


Overview

Quantity:	20 µg
Target:	DDX5
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DDX5 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	Recombinant human DDX5 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:	DDX5
Alternative Name:	Ddx5 (DDX5 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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	and division. This gene encodes a DEAD box protein, which is a RNA-dependent ATPase, and
	also a proliferation-associated nuclear antigen, specifically reacting with the simian virus 40
	tumor antigen. Alternative splicing results in multiple transcript variants.
Molecular Weight:	69 kDa
NCBI Accession:	NP_004387
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid
	Hormone Receptor Signaling, Nuclear Hormone Receptor Binding, Regulation of Muscle Cell
	Differentiation, Positive Regulation of Response to DNA Damage Stimulus
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:	Liberman, Gandin, Svitkin, David, Virgili, Jaramillo, Holcik, Nagar, Kimchi, Sonenberg: "DAP5
	associates with eIF2 β and eIF4AI to promote Internal Ribosome Entry Site driven translation."
	in: Nucleic acids research, Vol. 43, Issue 7, pp. 3764-75, (2015) (PubMed).



Western Blotting

Image 1. Validation with Western Blot

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