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## Datasheet for ABIN2719285 DDX47 Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)



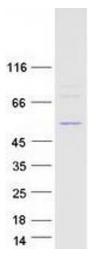
Image

| Overview                      |   |
|-------------------------------|---|
| Quantity:                     | 20 µg   |
| Target:                       | DDX47   |
| Protein Characteristics:      | Transcript Variant 1  |
| Origin:                       | Human   |
| Source:                       | HEK-293 Cells   |
| Protein Type:                 | Recombinant   |
| Purification tag / Conjugate: | This DDX47 protein is labelled with Myc-DYKDDDDK Tag.   |
| Application:                  | Antibody Production (AbP), Standard (STD)   |
| Product Details               |   |
| Characteristics:              | <ul> <li>Recombinant human DDX47 (transcript variant 1) protein expressed in HEK293 cells.</li> <li>Produced with end-sequenced ORF clone</li> </ul>  |
| Purity:                       | > 80 % as determined by SDS-PAGE and Coomassie blue staining  |
| Target Details                |   |
| Target:                       | DDX47   |
| Alternative Name:             | Ddx47 (DDX47 Products)  |
| Background:                   | This gene encodes a member of the DEAD box protein family. DEAD box proteins, characterized<br>by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are<br>implicated in a number of cellular processes involving alteration of RNA secondary structure,<br>such as translation initiation, nuclear and mitochondrial splicing, and ribosome and |

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## Target Details

|                     | spliceosome assembly. Based on their distribution patterns, some members of this family are<br>believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division.<br>The protein encoded by this gene can shuttle between the nucleus and the cytoplasm, and has<br>an RNA-independent ATPase activity. Two alternatively spliced transcript variants encoding<br>distinct isoforms have been found for this gene. |
|---------------------|--|
| Molecular Weight:   | 50.5 kDa   |
| NCBI Accession:     | NP_057439  |
| Application Details |  |
| Application Notes:  | Recombinant human proteins can be used for:<br>Native antigens for optimized antibody production<br>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.  |



Western Blotting

Image 1. Validation with Western Blot

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