

## Recombinant Human DDX18 Protein, His-tagged

Cat. No. DDX18-1395H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human DDX18 protein, fused to His tag at N-terminus, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | 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 and division. This gene encodes a DEAD box protein, and it is activated by Myc protein. [provided by RefSeq, Jul 2008]. |
| <b>Form</b>             | 50 mM Tris, 8 M Urea, pH 8.0.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Molecular Mass</b>   | 75.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>           | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

### GENE INFORMATION

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|------------------------|------------------------------------------------------------------|
| <b>Gene Name</b>       | DDX18 DEAD (Asp-Glu-Ala-Asp) box polypeptide 18 [ Homo sapiens ] |
| <b>Official Symbol</b> | DDX18                                                            |
| <b>Synonyms</b>        | MrDb; MrDb                                                       |
| <b>Gene ID</b>         | 8886                                                             |
| <b>mRNA Refseq</b>     | NM_006773                                                        |
| <b>Protein Refseq</b>  | NP_006764                                                        |
| <b>MIM</b>             | 606355                                                           |
| <b>UniProt ID</b>      | Q9NVP1                                                           |

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