

## Recombinant Human DHX9 Protein, His tagged

**Cat. No.** DHX9-10H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ATP-dependent RNA helicase A/DHX9 is produced by E. coli. The target gene encoding T100-A330 is expressed with a His tag at the C-terminus.                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Protein Length</b>   | 100-330 aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | <p>This gene encodes a member of the DEAH-containing family of RNA helicases. The encoded protein is an enzyme that catalyzes the ATP-dependent unwinding of double-stranded RNA and DNA-RNA complexes. This protein localizes to both the nucleus and the cytoplasm and functions as a transcriptional regulator. This protein may also be involved in the expression and nuclear export of retroviral RNAs. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 11 and 13.</p> |
| <b>Tag</b>              | C-His                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Stability</b>        | Stability 12 months from date of despatch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage</b>          | Store at $\leq -70$ centigrade, stable for 6 months after receipt. Store at $\leq -70$ centigrade, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                         |

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**Storage Buffer**      Supplied as a 0.2 µm filtered solution of PBS, 300mM NaCl, 10%Glycerol, pH7.4

## GENE INFORMATION

**Gene Name**      DHX9 DEAH (Asp-Glu-Ala-His) box polypeptide 9 [ Homo sapiens ]

**Official Symbol**      DHX9

**Synonyms**      DHX9; DEAH (Asp-Glu-Ala-His) box polypeptide 9; DDX9, DEAD/H (Asp Glu Ala Asp/His) box polypeptide 9 (RNA helicase A, nuclear DNA helicase II; leukophysin) , LKP; ATP-dependent RNA helicase A; NDH II; RHA; leukophysin; DEAH box protein 9; nuclear DNA helicase II; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 9; LKP; DDX9; NDH2; NDHII; FLJ17406

**Gene ID**      1660

**mRNA Refseq**      NM\_001357

**Protein Refseq**      NP\_001348

**MIM**      603115

**UniProt ID**      Q08211

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