



# Recombinant Human ATP-dependent RNA helicase A (DHX9), partial

|                          |   |
|--------------------------|---|
| <b>Product Code</b>      | CSB-MP600078HU  |
| <b>Relevance</b>         | Unwinds double-stranded DNA and RNA in a 3' to 5' direction. Alteration of secondary structure may subsequently influence interactions with proteins or other nucleic acids. Functions as a transcriptional activator. Component of the CRD-mediated complex that promotes MYC mRNA stability. Involved with LARP6 in the stabilization of type I collagen mRNAs for CO1A1 and CO1A2. As component of a large PER complex is involved in the inhibition of 3' transcriptional termination of circadian target genes such as PER1 and NR1D1 and the control of the circadian rhythms. Positively regulates HIV-1 LTR-directed gene expression. |
| <b>Abbreviation</b>      | Recombinant Human DHX9 protein, partial   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.   |
| <b>Uniprot No.</b>       | Q08211  |
| <b>Alias</b>             | DEAH box protein 9Leukophysin ;LKP Nuclear DNA helicase II ;NDH II  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | Greater than 90% as determined by SDS-PAGE.   |
| <b>Sequence</b>          | NQVGVPWPSPQSNWNPWTSSNIDEGPLAFATPEQISM DLKNE LMYQLEQD<br>HDLQAILQERELLPVKKFESEILEAISQNSVVIIRGATGCGKTTQVPQFILD DFIQ<br>NDRAAECNIVVTQPRRISAVSVAERVAFERGEEPGKSCGYSVRFESILPRPHA<br>SIMFCTVGVLLRKLEAGIRGISHVIVDEIHERDINTDFLLVLRDVVQAYPEVRIV<br>LMSATIDTSMFCEYFFNCPIIEVYGRTPVQEQYFLEDCIQMTHFVPPPKDKKKK<br>DKDDDGGEDDDANCNLICGDEYGPETRLSMSQLNEKETPFELIEALLKYIETLN<br>VPGAVLVFLPGWNLITYTMQKHLEMNPHFGSHRYQILPLHSQIPREEQRKVFDP<br>VPVGVTKVILSTNIAETSITINDVVYVIDSCKQKVKLFTAHHNMTNYATVWASKT<br>NLEQRKGRAGRVRPGFCFHLCSRARFERLETHMTPEMFRTPLEIALSIKLLRL<br>GGIGQFLAKAIEPPPLDAVIEAEHTLRELD   |
| <b>Research Area</b>     | Epigenetics and Nuclear Signaling   |
| <b>Source</b>            | Mammalian cell  |
| <b>Target Names</b>      | DHX9  |
| <b>Protein Names</b>     | DEAH box protein 9Leukophysin ;LKP Nuclear DNA helicase II ;NDH II  |
| <b>Expression Region</b> | 325-840aa   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |

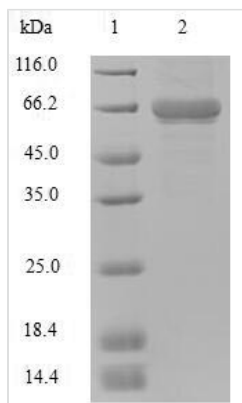


**Tag Info** C-terminal Flag-Myc-tagged

**Mol. Weight** 61.6 kDa

**Protein Length** Partial

**Image**



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.