



# Recombinant Human Putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX32 (DHX32)

|                          |  |
|--------------------------|--|
| <b>Product Code</b>      | CSB-YP748724HU   |
| <b>Abbreviation</b>      | DHX32  |
| <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>       | Q7L7V1   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MEEEGLECPN SSSEKRYFPE SLDSSDGDEE EVLACEDLEL NPFDGLPYSS RYYKLLKERE DLPIWKEKYS FMENLLQNIQI VIVSGDAKCG KSAQVPQWCA EYCLSIHYQH GGVICTQVHK QTVVQLALRV ADEMVDNIGH EVGYVIPFEN CCTNETILRY CTDDMLQREM MSNPFLGSYG VIILDDIHER SIATDVLLGL LKDVLLARPE LKLIINSSPH LISKLNSYYG NVPVIEVKNK HPVEVVYLSE AQKDSFESIL RLIFEIHHSK EKGDIVVFLA CEQDIEKVCE TVYQGSNLNP DLGELVVVPL YPKEKCSLFK PLDETEKRCQ VYQRRVLTSSSGEFLIWSN SVRFVIDVGV ERRKVYNPRI RANSLVMQPI SQSQAEIRKQ ILGSSSSGKF FCLYTEEFAS KDMTPLKPAE MQEANLTSMV LFMKRIDIAG LGHCDFMNRP APESLMQALE DLDYLAALDN DGNLSEFGII MSEFPLDPQL SKSILASCEF DCVDEVLTA AMVTAPNCFS HVPHGAEAAA LTCWKTFLHP EGDHFTLISI YKAYQDRTLN SSSEYCVKWK CRDYFLNCSA LRMADVIRAE LLEIKRIEL PYAEPAFGSK ENTLNIKKAL LSGYFMQIAR DVDGSGNYLM LTHKQVAQLH PLSGYSITKK MPEWVLFHKF SISENNYIRI TSEISPELFM QLVPQYYFSN LPPSESKDIL QQVVDHLSPV STMNKEQQMC ETCPETEQRC TLQ |
| <b>Source</b>            | Yeast  |
| <b>Target Names</b>      | DHX32  |
| <b>Protein Names</b>     | Recommended name: Putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX32 EC= 3.6.4.13 Alternative name(s): DEAD/H box 32 DEAD/H helicase-like protein 1 Short name= DHLP1 DEAH box protein 32 HuDDX32  |
| <b>Expression Region</b> | 1-743  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |

**Target Details**

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 DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a member of this family. The function of this member has not been determined. Alternative splicing of this gene generates 2 transcript variants, but the full length nature of one of the variants has not been defined.

**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.