



# Recombinant Human ATP-dependent RNA helicase DDX18 (DDX18)

<b>Product Code</b>	CSB-MP882116HU
<b>Abbreviation</b>	DDX18
<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>	Q9NVP1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSHLPMKLLR KKIEKRNLKL RQRNLKFQGA SNLTLSETQN GDVSEETMGS RKVKKSKQKP MNVGLSETQN GGMSQEAVGN IKVTKSPQKS TVLTNGEAM QSSNSESKKK KKKKRKMVND AEPDTKKAKT ENKGKSEES AETTKETENN VEKPDNDEDE SEVPSLPLGL TGAFEDTSFA SLCNLVNENT LKAIKEMGFT NMTEIQHCSI RPLLEGRDLL AAKTGSQK LAFIPAVEL IVKLRFMPRN GTGVLILSPT RELAMQTFGV LKELMTHHVH TYGLIMGGSN RSAEAQKLG GINIIVATPG RLLDHMQNTP GFMYKNLQCL VIDEADRILD VGFEELKQI IKLLPTRRQT MLFSATQTRK VEDLARISLK KEPLYVGVDD DKANATVDGL EQGYVVCPSK KRFLLLFTFL KKNRKKKLMV FFSSCMSVKY HYELLNYIDL PVLAIHGKQK QNKRTTTFQ FCNADSGTLL CTDVAARGLD IPEVDWIVQY DPPDDPKEYI HRVGRARGL NGRGHALLIL RPEELGFLRY LKQSKVPLSE FDFSWSKISD IQSQLEKLIE KNYFLHNSAQ EAYKSYIRAY DSHSLKQIFN VNNLNLQVA LSFQFKVPPF VDLNVNSNEG KQKKRGGGGG FGYQKTKKVE KSKIFKHISK KSSDSRQFSH
<b>Source</b>	Mammalian cell
<b>Target Names</b>	DDX18
<b>Protein Names</b>	Recommended name: ATP-dependent RNA helicase DDX18 EC= 3.6.4.13 Alternative name(s): DEAD box protein 18 Myc-regulated DEAD box protein Short name= MrDb
<b>Expression Region</b>	1-670
<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
<b>Target Details</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.

---

**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.