Recombinant Human Probable ATP-dependent RNA helicase DDX5 (DDX5)

Product Code	CSB-MP006630HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P17844
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MSGYSSDRDR GRDRGFGAPR FGGSRAGPLS GKKFGNPGEK LVKKKWNLDE LPKFEKNFYQ EHPDLARRTA QEVETYRRSK EITVRGHNCP KPVLNFYEAN FPANVMDVIA RQNFTEPTAI QAQGWPVALS GLDMVGVAQT GSGKTLSYLL PAIVHINHQP FLERGDGPIC LVLAPTRELA QQVQQVAAEY CRACRLKSTC IYGGAPKGPQ IRDLERGVEI CIATPGRLID FLECGKTNLR RTTYLVLDEA DRMLDMGFEP QIRKIVDQIR PDRQTLMWSA TWPKEVRQLA EDFLKDYIHI NIGALELSAN HNILQIVDVC HDVEKDEKLI RLMEEIMSEK ENKTIVFVET KRRCDELTRK MRRDGWPAMG IHGDKSQQER DWVLNEFKHG KAPILIATDV ASRGLDVEDV KFVINYDYPN SSEDYIHRIG RTARSTKTGT AYTFFTPNNI KQVSDLISVL REANQAINPK LLQLVEDRGS GRSRGRGGMK DDRRDRYSAG KRGGFNTFRD RENYDRGYSS LLKRDFGAKT QNGVYSAANY TNGSFGSNFV SAGIQTSFRT GNPTGTYQNG YDSTQQYGSN VPNMHNGMNQ QAYAYPATAA APMIGYPMPT GYSQ
Source	Mammalian cell
Target Names	DDX5
Protein Names	Recommended name: Probable ATP-dependent RNA helicase DDX5 EC= 3.6.4.13 Alternative name(s): DEAD box protein 5 RNA helicase p68
Expression Region	1-614
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	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 family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which is a RNA-dependent ATPase, and also a proliferation-associated nuclear antigen, specifically reacting with the simian virus 40 tumor antigen. This gene consists of 13 exons, and alternatively spliced transcripts containing several intron

	sequences have been detected, but no isoforms encoded by these transcripts have been identified.
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.