Recombinant Human Probable ATP-dependent RNA helicase DDX28 (DDX28)

Product Code	CSB-EP873656HU-B
Abbreviation	DDX28
Storage	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.
Uniprot No.	Q9NUL7
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MALTRPVRLF SLVTRLLLAP RRGLTVRSPD EPLPVVRIPV ALQRQLEQRQ SRRRNLPRPV LVRPGPLLVS ARRPELNQPA RLTLGRWERA PLASQGWKSR RARRDHFSIE RAQQEAPAVR KLSSKGSFAD LGLEPRVLHA LQEAAPEVVQ PTTVQSSTIP SLLRGRHVVC AAETGSGKTL SYLLPLLQRL LGQPSLDSLP IPAPRGLVLV PSRELAQQVR AVAQPLGRSL GLLVRDLEGG HGMRRIRLQL SRQPSADVLV ATPGALWKAL KSRLISLEQL SFLVLDEADT LLDESFLELV DYILEKSHIA EGPADLEDPF NPKAQLVLVG ATFPEGVGQL LNKVASPDAV TTITSSKLHC IMPHVKQTFL RLKGADKVAE LVHILKHRDR AERTGPSGTV LVFCNSSSTV NWLGYILDDH KIQHLRLQGQ MPALMRVGIF QSFQKSSRDI LLCTDIASRG LDSTGVELVV NYDFPPTLQD YIHRAGRVGR VGSEVPGTVI SFVTHPWDVS LVQKIELAAR RRRSLPGLAS SVKEPLPQAT
Source	E.coli
Target Names	DDX28
Protein Names	Recommended name: Probable ATP-dependent RNA helicase DDX28 EC= 3.6.4.13 Alternative name(s): Mitochondrial DEAD box protein 28
Expression Region	1-540
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 the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene is intronless. It encodes an RNA-

	dependent ATPase. The encoded protein is localized in the mitochondria and the nucleus, and can be transported between the mitochondria and the nucleus.
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.