



Recombinant Human ATP-dependent RNA helicase DDX25 (DDX25)

Product Code	CSB-EP887040HU-B
Abbreviation	DDX25
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.	Q9UHL0
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MASLLWGGDA GAAESERLNS HFSNLSQPRK NLWGIKSTAV RNIDGSINNI NEDDEEDVVD LAANSLLNKL IHQSLVESSH RVEVLQKDPS SPLYSVKTFE ELRLKEELLK GIYAMGFNRP SKIQEMALPM MLAHPPQNLI AQSQSGTGKT AAFVLAMLSR VNALELFPQC LCLAPTYELA LQTGRVVEQM GKFCVDVQVM YAIRGNRIPR GTDITKQIII GTPGTVLDWC FKLKLDLTK IRVFLDEAD VMIDTQGFSD HSIRIQRALP SECQMLLFSA TFEDSVWHFA ERIIPDPNVI KLRKEELTLN NIRQYYVLCE HRKDKYQALC NIYGSITIGQ AIIFCQTRRN AKWLTVEMIQ DGHQVSLLSG ELTVEQRASI IQRFRDGKEK VLITTNVCAR GIDVKQVTIV VNFDPVKQG EEPDYETYLH RIGRTGRFGK KGLAFNMIEV DELP SLMKIQ DHFNSSIKQL NAEDMDEIEK IDY
Source	E.coli
Target Names	DDX25
Protein Names	Recommended name: ATP-dependent RNA helicase DDX25 EC= 3.6.4.13 Alternative name(s): DEAD box protein 25 Gonadotropin-regulated testicular RNA helicase
Expression Region	1-483
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 encodes a member of this family.



The encoded protein is a gonadotropin-regulated and developmentally expressed testicular RNA helicase. It may serve to maintain testicular functions related to steroidogenesis and spermatogenesis.

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.