



Recombinant Human Probable ATP-dependent RNA helicase DDX41 (DDX41)

Product Code	CSB-EP891940HU
Abbreviation	DDX41
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.	Q9UJV9
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEESEPERKR ARTDEVPAGG SRSEAEDDD EDYVPYVPLR QRRQLLLQKL LQRRRKGAEE EEQQDSGSEP RGDEDDIPLG PQSNVSLLDQ HQHLKEKAEA RKESAKEKQL KEEKILESV AEGRALMSVK EMAKGITYDD PIKTSWTPPR YVLSMSEERH ERVRKKYHIL VEGDGIPPI KSFKEMKFPA AILRGLKKKG IHHPTPIQIQ GIPTILSGRD MIGIAFTGSG KTLVFTLPVI MFCLEQEKRL PFSKREGPYG LIICPSRELA RQTHGILEYY CRLLEDSSP LLRCALCIGG MSVKEQMETI RHGVHMMVAT PGRLMDLLQK KMVSLDICRY LALDEADRM DMGFEGDIRT IFSYFKGQRQ TLLFSATMPK KIQNFAKSAL VKPVTINVGR AGAASLDVIQ EVEYVKEEAK MVYLLECLQK TPPPVLIFAE KKADVDAIHE YLLLKGVEAV AIHGGKDQEE RTKAIEAFRE GKDVDLVATD VASKGLDFPA IQHVINYDMP EEIENYVHRI GRTGRSGNTG IATTFINKAC DESVLMDLKA LLEAKQKVP PVLQVLHCGD ESMLDIGGER GCAFCGGLGH RITDCPKLEA MQTKQVSNIG RKDYLAHSSM DF
Source	E.coli
Target Names	DDX41
Protein Names	Recommended name: Probable ATP-dependent RNA helicase DDX41 EC=3.6.4.13 Alternative name(s): DEAD box protein 41 DEAD box protein abstract homolog
Expression Region	1-622
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 function of this member has not been determined. Based on studies in *Drosophila*, the abstract gene is widely required during post-transcriptional gene expression.

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

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