

Datasheet for ABIN7589086

## DDX21 Protein (AA 1-782) (His tag)



[Go to Product page](#)

### Overview

|                               |                                              |
|-------------------------------|----------------------------------------------|
| Quantity:                     | 100 µg                                       |
| Target:                       | DDX21                                        |
| Protein Characteristics:      | AA 1-782                                     |
| Origin:                       | Rat                                          |
| Source:                       | Yeast                                        |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This DDX21 protein is labelled with His tag. |
| Application:                  | ELISA                                        |

### Product Details

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence: | <p>MPGKLRSASK SESEGTEESM ETLQKPSEKK TRKEKPKSKT DEATEGVEEA ASSKVKAVKK</p> <p>KGPSEDDVGP PKSKKAKKQE EEPQDDPASK SKTSKKKKEP LEKKAPSAKT KEMKAEPPSE</p> <p>EEADAPKPKK TKGKEANGD VGEKSPGLKN GLSHPKPDSS STQAPGEESE TEKEIPVEQK</p> <p>EGAFSNFPIS EETVKLLKAR GVNFLFPIQA KTFHHVYSGK DLIAQARTGT GKTFSAIPL</p> <p>IEKLQGGGLQE RKRGRAPQVL VLAPTRELAN QVSKDFSDIT KKLSVACFYG GTPYGGQIER</p> <p>MRSIDILVG TPGRIKDLQ NGKLDLTKLK HVVLDEVDQM LDMGFADQVE EILCVAYKKD</p> <p>SEDNPQTLLF SATCPHWVFN VAKKYMKSTY EQVDLIGKKT QKAAITVEHL AIKCHWTERA</p> <p>AVIGDVIRVY SGHQGRITIF CETKKDAQEL SQNTCIKQDA QSLHGDIPQK QREITLKGFR</p> <p>NGNFGVLVAT NVAARGLDIP EVDLVVQSCP PKDVESYIHR SGRTGRAGRT GVCICFYQHK</p> <p>EEYQLAQVEQ KAGIKFKRIG VPSATEIIKA SSKDAIRLLD SVPPTAIGHF KQSAEKLIEE</p> <p>KGAVEALAAA LAHISGATSV DQRSLINSQA GFVTMILRCS VEMPNISYAW KELKEQLGES</p> <p>IDAKVKGMVF LKGKLGVCFD VRTEAVTEIK EKWHDSRRWQ LTVATEQPEL EGPPEGYRGG</p> |
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## Product Details

RGQRDGSRGS FRGQRGGSRN FRGQQQRGGS RNFRGQRP GG GNKSNRSPNK GQKRSFSKAF GQ

Specificity: Rattus norvegicus (Rat)

Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: DDX21

Alternative Name: Nucleolar RNA helicase 2 (Ddx21) ([DDX21 Products](#))

Background: Recommended name: Nucleolar RNA helicase 2.  
EC= 3.6.4.13.  
Alternative name(s): DEAD box protein 21 Gu-alpha Nucleolar RNA helicase Gu Nucleolar RNA helicase II RH II/Gu

UniProt: [Q3B8Q1](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

## Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

## Handling

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|                  |                                                                                                     |
|------------------|-----------------------------------------------------------------------------------------------------|
| Concentration:   | 0.2-2 mg/mL                                                                                         |
| Buffer:          | Tris-based buffer, 50 % glycerol                                                                    |
| Handling Advice: | Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week |
| Storage:         | -20 °C                                                                                              |
| Storage Comment: | Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.                                |