

Recombinant Human DDX21 protein ab152960

1 Image

Description

Product name	Recombinant Human DDX21 protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MPGKLRS DAGLESDTAMKKGETLRKQTEEEKKEKPKS DKTEEIAEEEEET VFPKAKQVKKKAEPSEVDMNSPKSKKAKKKEEPSQNDI SPKTKSLRKKKE PIEKKVVSSTKKVTKNEEPSEEEIDAPKPKMKKEKEMN GETREKSPKL KNGFPHPEPDCNPSEAASEESNSEIEQEIPVEQKEGAFS NFPISEETIKL LKGRGVTF LFPIQAKTFHHVYSGKDLIAQARTGTGKTF SFAI PLIEKLHG ELQDRKRGRAPQVLVLAPTRELANQVSKDFS DITKKLSVA CFYGGTPYGG QFERMRNGIDILVGTPGRIKDHIQNGKLDLTKLKHVV LDEV DQMLDMGFA DQVEEILSVAYKKDSEDNPQTLLFSATCPHWWFNVAKKY MKSTYEQVDLI GKKTQKTAITVEHLAIKCHWTQRAAVIGDVIRVYSGHQGRTII FCETKKE AQELSQNSAIKQDAQSLHGDIPQKQREITLKGFRNGSFGV LVATNVAARG LDIPEVDLVIQSSPPKDVESYHRSGR TGAGRTGVCICFY QHKEEYQLV QVEQKAGIKFKRIGVPSATEIIKASSKDAIRLLDSVPPTAISH FKQSAEK LIEEKGAVEALAAALAHISGATSV DQ RSLINSNVGFVTMILQ CSIEMPNI SYAWKELKEQLGEEIDSKVKGMVFLKGKLGVCFDVPTAS VTEIQEKWHDS RRWQLSVATEQPELEGPREGYGGFRGQREGSRGFRGQR

DGNRRFRGQREG
SRGPRGQRSGGGNKSQRSQNGQKRSFSKAFGQ

Amino acids 1 to 783
Tags GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab152960** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications ELISA
Western blot

Form Liquid

Additional notes

Preparation and Storage

Stability and Storage Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
pH: 8.00
Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

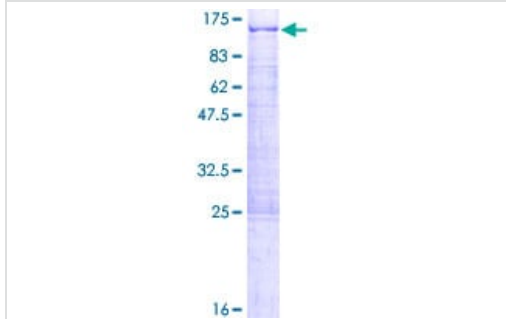
Function Can unwind double-stranded RNA (helicase) and can fold or introduce a secondary structure to a single-stranded RNA (foldase). Functions as cofactor for JUN-activated transcription. Involved in rRNA processing.

Sequence similarities Belongs to the DEAD box helicase family. DDX21/DDX50 subfamily.
Contains 1 helicase ATP-binding domain.
Contains 1 helicase C-terminal domain.

Domain The two enzymatic activities reside in two separate domains, the helicase in the N-terminus and the foldase in the C-terminus.
The 3 X 5 AA repeats seem to be critical for the RNA folding activity.

Cellular localization Nucleus > nucleolus.

Images



SDS-PAGE - Recombinant Human DDX21 protein
(ab152960)

ab152960 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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